

# CLEAN WATER STATE REVOLVING FUND

## INTENDED USE PLAN

FINANCIAL ASSISTANCE DIVISION  
OKLAHOMA WATER RESOURCES BOARD

FY 2014



# Meeting Purpose

- Overview of OWRB's CWSRF Program
- Discuss the Board's strategy for managing the program
- Present the annual plan for the use of the federal funds awarded under the Clean Water State Revolving Fund Program



# OWRB Financial Assistance Division

- Administers five grant and loan infrastructure programs
- Since inception, funded approx. \$3 Billion
- Saved Oklahoma communities approx. \$1 Billion
- Major implementation tool to address the \$82 Billion infrastructure need



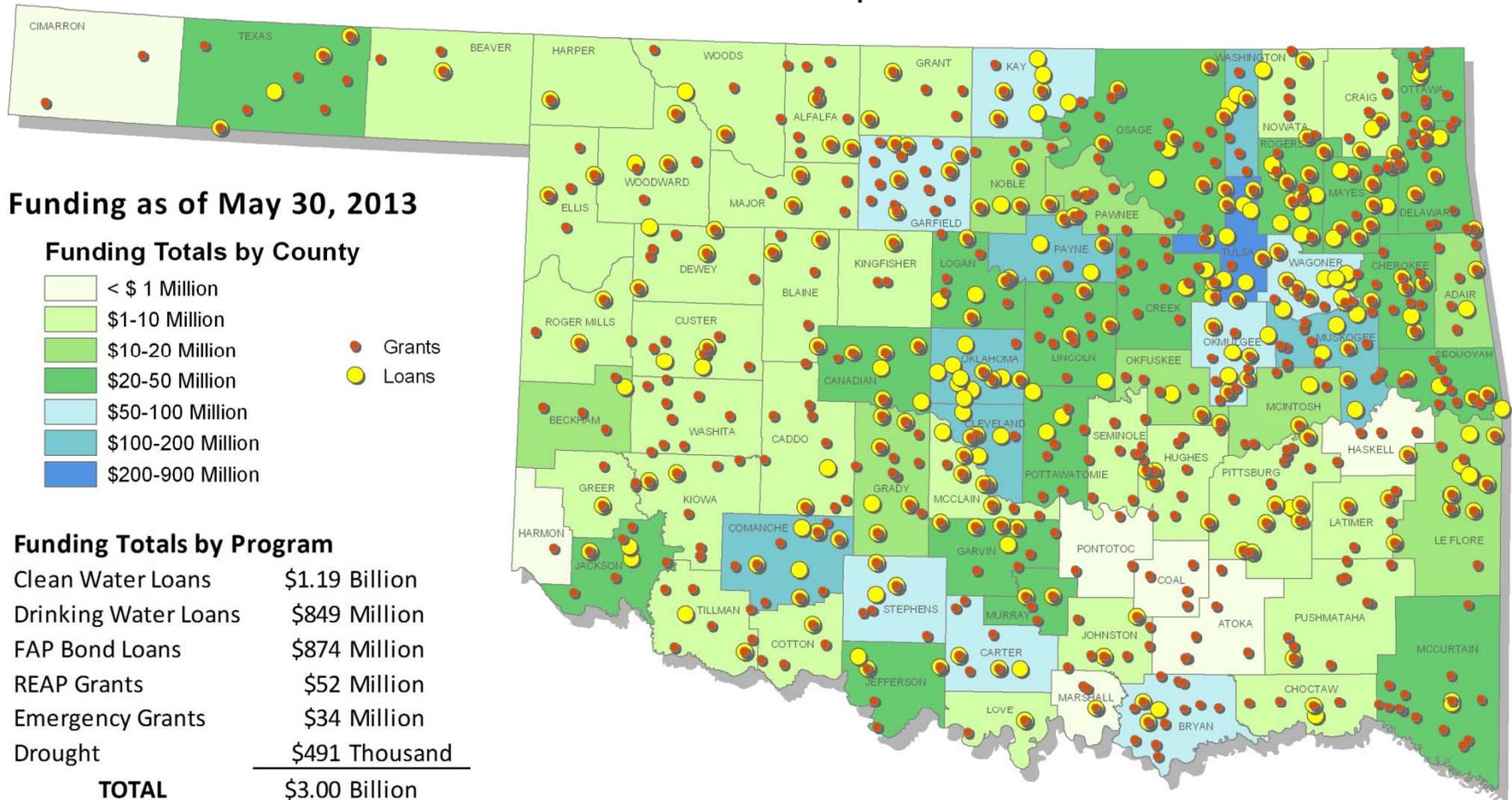
# Program Highlights

- SQ 764 creating WICERF
- Water for 2060
- Almost at the \$3 Billion in infrastructure funding mark



# Financial Assistance Programs

## Financial Assistance Program Loan and Grant Recipient Status



**TOTAL SAVINGS**      \$1 Billion

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[owrb.ok.gov/CWSRF](http://owrb.ok.gov/CWSRF)

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DRAFT MAY 1, 2013



# Clean Water State Revolving Fund

- “Revolving Aspect” – loan repayments and investment earnings are continually recycled to fund new projects
- Ongoing commitment of federal funds
- Financing strategy which provides loans at 40% below market rates
- Ease of loan application and technical approval process



# Clean Water State Revolving Fund

- Targets projects for infrastructure improvements to address CWA compliance issues
- Eligible Projects include:
  - Secondary/Advanced Treatment
  - Inflow/Infiltration Correction
  - New Collector Sewers
  - New Interceptor Sewers
  - Water Re-use
  - Elimination of Combined Sewers
  - Stormwater Projects
  - Green Infrastructure Projects
  - Nonpoint Source Projects
  - More....



# Short and Long Term Goals

- **Short-term Goals:** To continually improve the program
- **Long-term Goals:** To ensure that the CWSRF assists in meeting Clean Water Act/State water quality goals via the implementation of the 2012 OCWP while maintaining the long-range integrity of the fund



# Project Ranking

## ■ Priority Ranking System

- Found in OAC 785 Ch 50 Sec 9-23
- Project Type Factor (up to 70 pts)
- Water Quality Restoration Factor (up to 20 pts)
- Water Quality Protection Factor (up to 10 pts)
- Readiness to Proceed Factor (up to 400 pts)
- Programmatic Priority Factor (up to 100 pts)
  - Points for communities under 3,300 and incorporating green components into a project



# Additional Program Requirements

- Davis Bacon – Prevailing Wage Rates
- Green Project Reserve
- System Sustainability
- Additional Subsidization



# Davis Bacon

- Guidance is available on OWRB's website
- Include updated prevailing wage rate information 10 days prior to bid opening
- Applies to all construction on treatment works (not nonpoint source projects)
- Contracts must be executed within 90 days of bid opening
- Provide payroll certification to OWRB



# Green Project Reserve

- 10% of the CWSRF appropriations must be targeted toward green projects
  - Green Infrastructure
  - Water Efficiency
  - Energy Efficiency
  - Environmentally Innovative Activities
- “Categorical” or may require “Business Case”



# EPA Sustainability Policy

- Repair, replacement and upgrade of infrastructure in existing communities
- Investigations, studies, plans that improve the technical, financial and managerial capacity of entities to operate, maintain, and replace financed infrastructure
- Preliminary planning, alternative assessment and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conservation of natural resources or alternative approaches which integrate natural or green



# EPA Sustainability Policy

- OWRB is developing Infrastructure Planning Guides
- Designed to assist system in developing detailed strategies to meet their long-term water/wastewater needs and become more sustainable
- Water System Planning Guide is complete
- Wastewater System Planning Guide available by November 2013



# Additional Subsidization

- Small amount of subsidization funds available
- Targeted towards disadvantaged communities with a population of less than 3,300



# Additional Subsidization

- Projects identified in Appendix A of IUP
- Final list may change based on readiness to proceed for board approval and construction
- List of final subsidization will be available in the FY 2014 Annual Report and on OWRB's website at [www.owrb.ok.gov](http://www.owrb.ok.gov)



# Proposed Projects

- As of May 1, 2013 received requests for 16 wastewater construction projects
- Fundable List Amount: \$148.8 Million
- Five Year List: 21 requests totaling \$327.7 Million



# Project Priority List

Name	Disadvantaged Community Y/N	Project No.	Target B.C. Date	Priority List Amount*	Project Description
Ramona PWA	Y	ORF-13-0007-CW	07/16/13	\$1,239,050	New land application system to correct for discharge violations (Cat. I & IIIB)
Commerce DA	Y	ORF-13-0002-CW	10/15/13	\$900,000	Secondary lagoon expansion with new land application system to meet discharge requirements as outlined in ODEQ CO#08-299 (Cat. II)
Owasso PWA	N	ORF-13-0005-CW	07/16/13	\$5,000,000	Ranch creek interceptor relief line replacement to accommodate for inflow and infiltration (Cat. IIIA & IIIB)
Oilton PWA	Y	ORF-13-0012-CW	07/16/13	\$2,767,058	Rehabilitation to existing lagoons and construction of new lagoon (Cat. I)
Ochelata UA	Y	ORF-13-0008-CW	07/16/13	\$1,486,340	New extended aeration WWTP to address ODEQ CO# 05-024 for deficiencies at the existing partial-mix aeration lagoon treatment facility due to more stringent permit limits(Cat. II)
Kiefer PWA	Y	ORF-14-0006-CW	10/15/13	\$660,323	Construct new disinfection unit, new post aeration structure, and lift station improvements (Cat. I)
El Reno MA	Y	ORF-13-0003-CW	09/17/13	\$16,000,000	New 2 MGD mechanical WWTP with solar or wind for partial energy for operation of plant. Project will correct for total retention and land application unpermitted discharges and address ODEQ CO# 07-380(A) (B) (Cat. II)
Tulsa MUA	Y	ORF-14-0002-CW	11/19/13	\$34,791,000	Sanitary sewer and WWTP rehabilitation and improvements and new interceptor (Cat. I, II, IIIA, IIIB, IVA, & IVB)
Altus MA	Y	ORF-14-0007-CW	11/19/13	\$3,000,000	WWTP Improvements including replacement of headworks, new bar screen, new energy saving motors and pumping controls, new clarifier, new effluent disinfection system, and site work (Cat. II)

# Project Priority List

Name	Disadvantaged Community Y/N	Project No.	Target B.C. Date	Priority List Amount*	Project Description
Frederick PWA	Y	ORF-13-0011-CW	08/20/13	\$7,698,000	Wastewater treatment facilities improvements including lift station upgrades and rehabilitation of existing lagoons to modify them to aerated lagoons with improvements to valving and piping (Cat. I & IIIB)
Ardmore PWA	Y	ORF-14-0009-CW	06/17/14	\$9,000,000	Sanitary sewer rehabilitation and replacement in multiple subbasins based on SSES findings (Cat. IIIA & IIIB)
Norman UA	N	ORF-14-0005-CW	10/15/13	\$52,000,000	Water Reclamation Facility Improvements including flow metering, rehabilitation to primary clarifiers, activated sludge treatment basins, clarifiers, UV disinfection, effluent aeration structure, outfall line, sludge handling and processing improvements, odor control equipment (Cat II & IIIB)
Owasso PWA	N	ORF-14-0001-CW	05/20/14	\$6,000,000	WWTP Improvements to meet 2015 Wastewater Master Plan including the addition of aeration basin, final clarifier, replacement of main plant lift station, and other appurtenances (Cat. II)
Quinton PWA	Y	ORF-13-0016-CW	07/16/13	\$800,000	Refinance construction of 779 linear feet of new 8" gravity sewer line, rehabilitation of 30,338 linear feet of existing 8" gravity sewer line, and appurtenances (Cat. IIIB & IVA)
Broken Arrow MA	N	ORF-12-0012-CW	03/18/14	\$4,000,000	Replacement of existing 27" sanitary sewer interceptor with 36" inch PVC including manholes and appurtenances (Cat. IIIA & IIIB)
Ardmore PWA	Y	ORF-14-0008-CW	02/18/14	\$3,500,000	Sanitary sewer system rehabilitation of the Ardmore Airpark and construction of a new lift station and force main (Cat. IIIB & IVB)

# Subsidy and Green

## From IUP Appendix A

Name	Project No.	Target B.C. Date	Priority List Amount	GPR*	GPR Type	Subsidy**
Ramona PWA	ORF13-0007-CW	07/16/13	\$1,239,050	\$1,239,050	EI	\$317,314
Commerce DA	ORF-13-0002-CW	10/15/13	\$900,000	\$900,000	EI	\$0
Oilton PWA	ORF-13-0012-CW	07/16/13	\$2,767,058	\$0	-	\$317,314
El Reno MA	ORF-13-0003-CW	09/17/13	\$16,000,000	\$2,000,000	EI	\$0
Altus MA	ORF-14-0007-CW	11/19/13	\$3,000,000	\$600,000	EE	\$0
Norman UA	ORF-14-0005-CW	10/15/13	\$52,000,000	\$13,000,000	EE/EI	\$0

*\*The GPR Amount may change based on the completion of appropriate planning documents and business cases. The numbers reflected here are OWRB's best guess based on preliminary information. Final numbers will be available on OWRB's website, subsequent amendments, and the CWSRF Annual Report.*

*\*\*Subsidy is provided on Readiness to Proceed for Board Approval. The subsidy amounts may change based on a project movement thru the funding process. Final numbers will be available on OWRB's website, subsequent amendments, and the CWSRF Annual Report.*



# Changes Since Draft IUP

- Received final appropriations numbers
  - Cap Grant Amount - \$10,786,000
  - Amount available for Additional Subsidization is \$508,067
- Numbers included in the text and charts will be changed accordingly
- Minor corrections per EPA



# Planning for Infrastructure Funding

- Sources of Funds
  - Capitalization Grant plus match: \$12,943,200
  - Proposed Bond Issue: \$100,000,000
  - Other (repayments, interest investments, etc):  
\$129,133,141
  - Total Sources of Funds: \$242,076,341.11
- Total Fund Commitments
  - Obligations: \$276,905,819.41
- Additional Funds needed: \$34,829,478.30



# Questions

## Public Comment Period Closes June 7, 2013

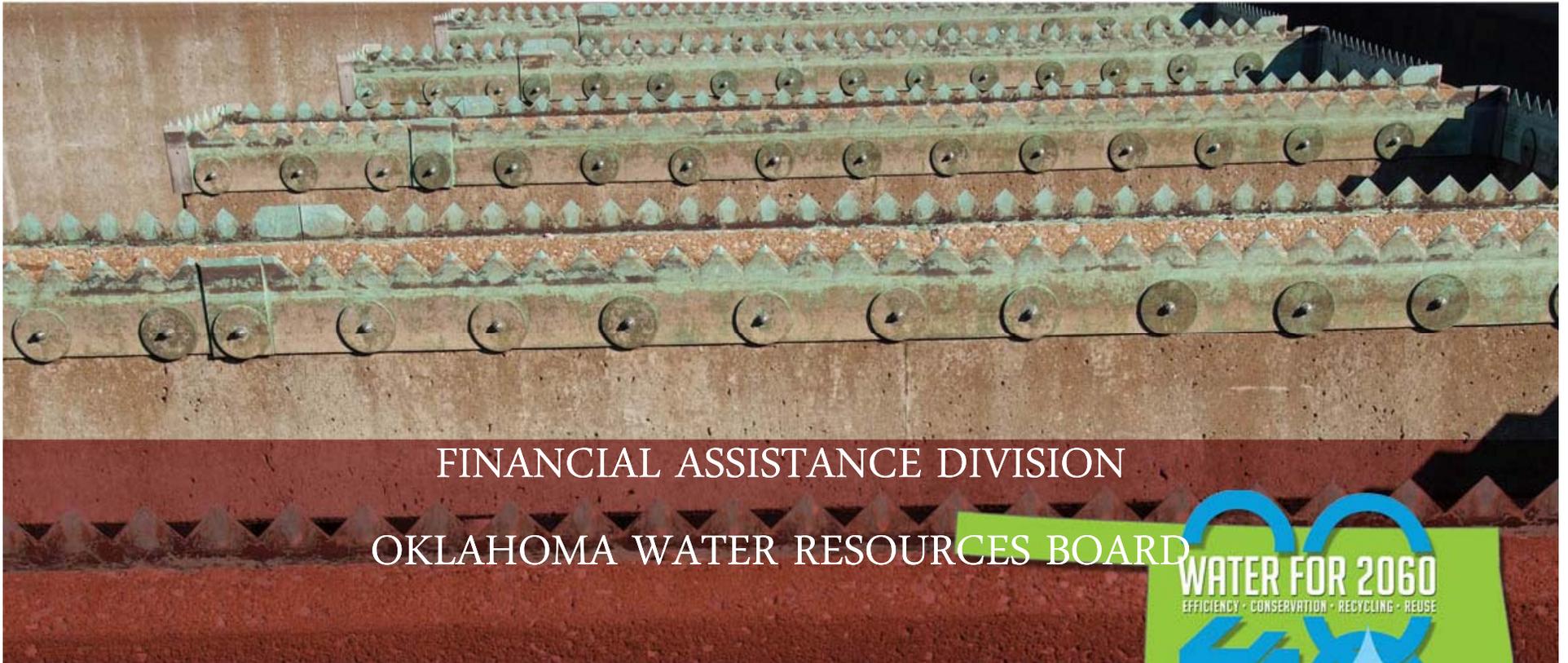


# Financial Assistance Division



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