

RECLAMATION

Managing Water in the West

Western States Water Council: Strategies to meet Western Water Resource Infrastructure Needs

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U.S. Department of the Interior
Bureau of Reclamation

Reclamation Regions



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Reclamation Mission

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

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Reclamation's Focus

- Store and deliver water
 - Irrigation
 - Municipal and Industrial
 - Flood control
 - Recreation
- Generate Power
 - Hydro Power
 - Project Use
 - Utility
- Land and Environment
 - Ecosystems and Habitat
 - Fish and Wildlife



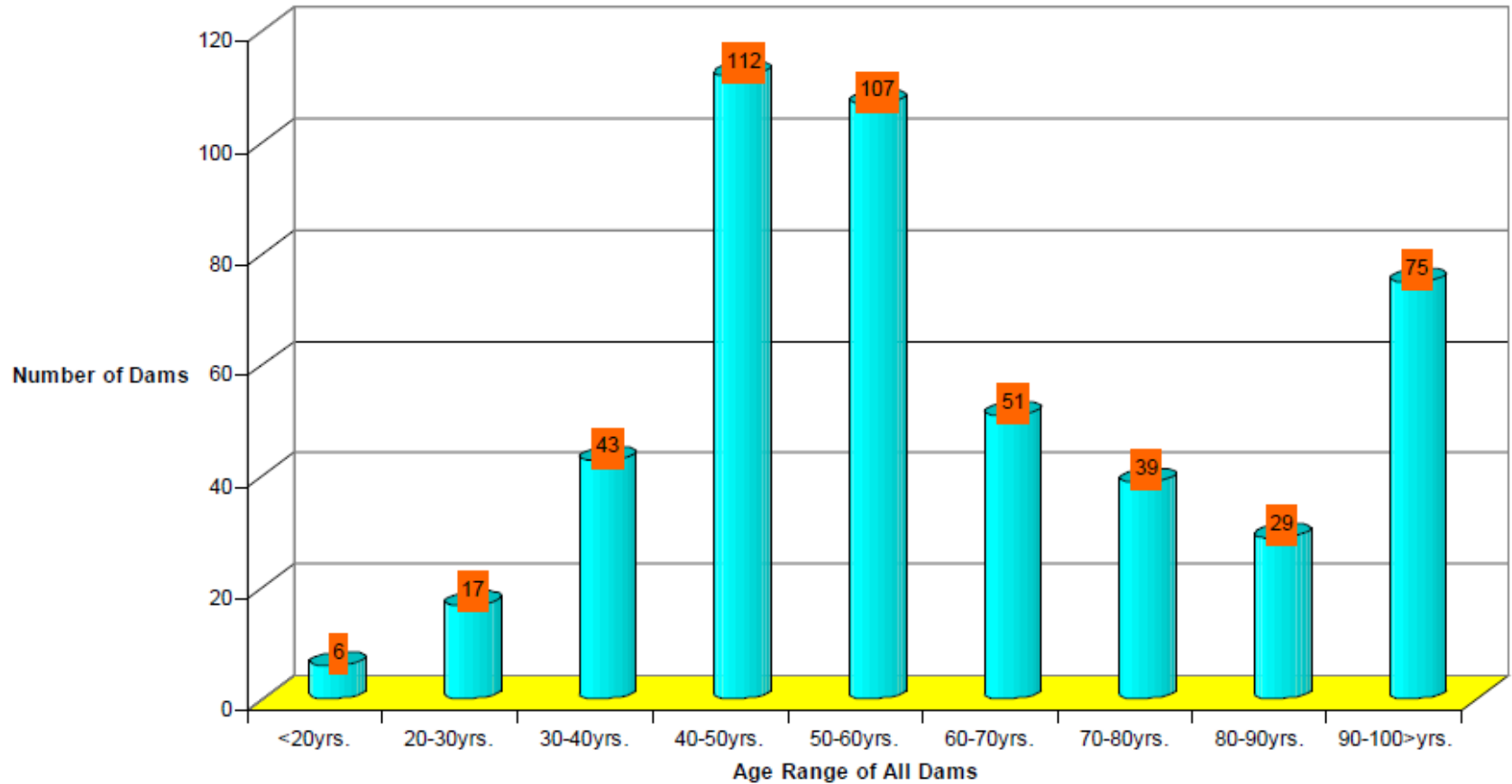
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Age Distribution of Dams

Age of Reclamation Dams
as of December 19, 2007



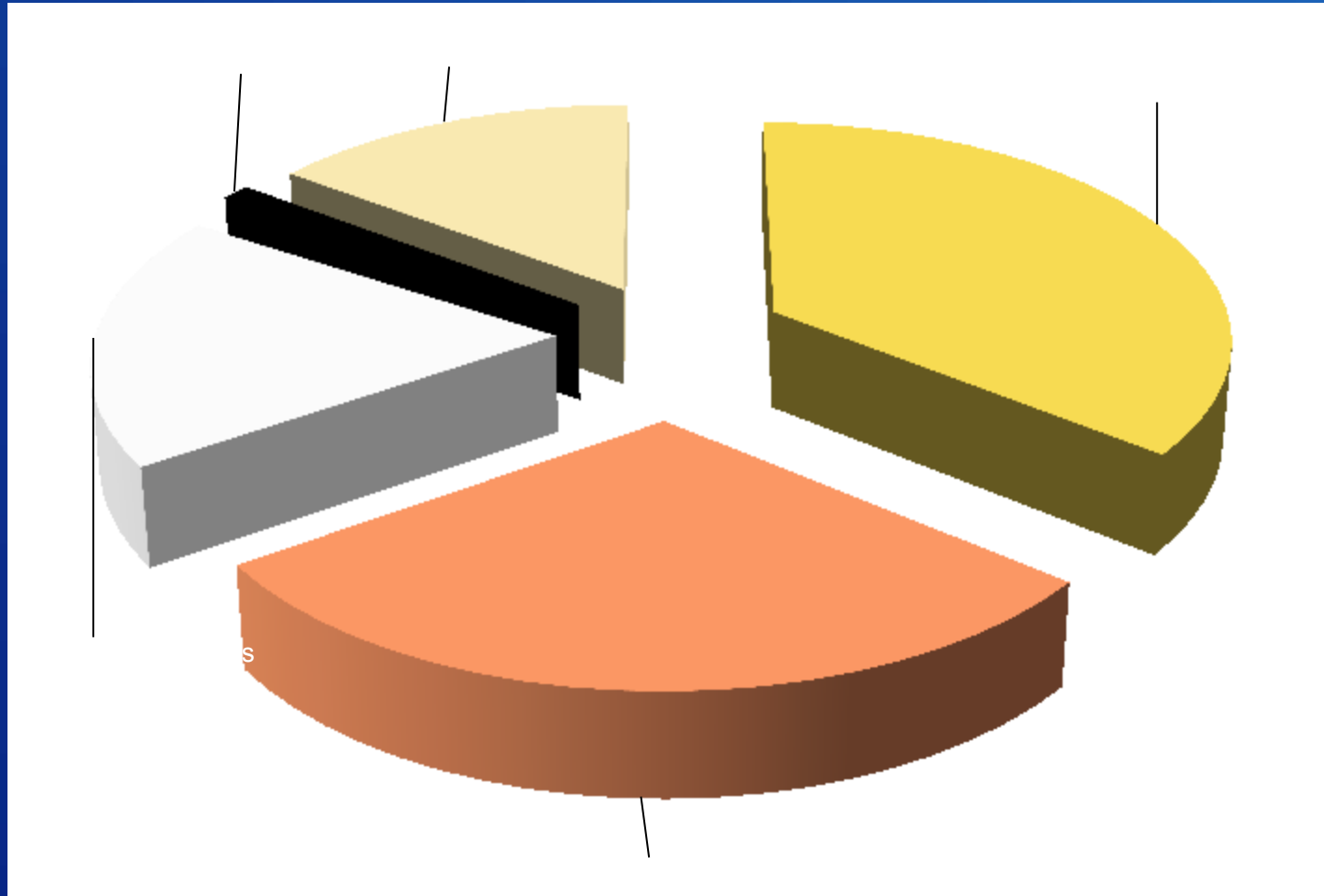
Major Rehabilitation and Replacement (MR&R) Needs

- 5 Year Outlook
- Broadly Characterized as Potential Costs Associated with Reclamation's "Aging Infrastructure"
- Extraordinary Maintenance and Distinct from Regular O&M of Facilities
- Activities will Continue to Assure the Delivery of Current Project Benefits

Aging Infrastructure - MR&R Needs

- Total MR&R need is estimated at \$2.6 billion
 - Approximately \$1.6 billion reserved works and
 - Approximately \$1 billion transferred works

MR&R Funding Responsibilities (FY 2012-2016)



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Partial Solutions – Leveraging Appropriations

- Public Law 111-11
- Risk Based Decisions & Information Integrity
- WaterSMART Grants

Probability	Almost Certain (5)	M	M	H	H	C
	Likely (4)	M	M	M	H	H
	Possible (3)	L	M	M	H	H
	Unlikely (2)	L	L	M	M	H
	Rare (1)	L	L	L	M	M
		Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Catastrophic (5)
		Consequences				



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Partial Solutions – Leveraging Appropriations & More

- Partnerships
- Federal
 - Folsom Dam
- Non-Federal
 - Multi-Species Conservation Program
- Off-Budget Activities
 - System Efficiency Intentionally Created Surplus

Questions

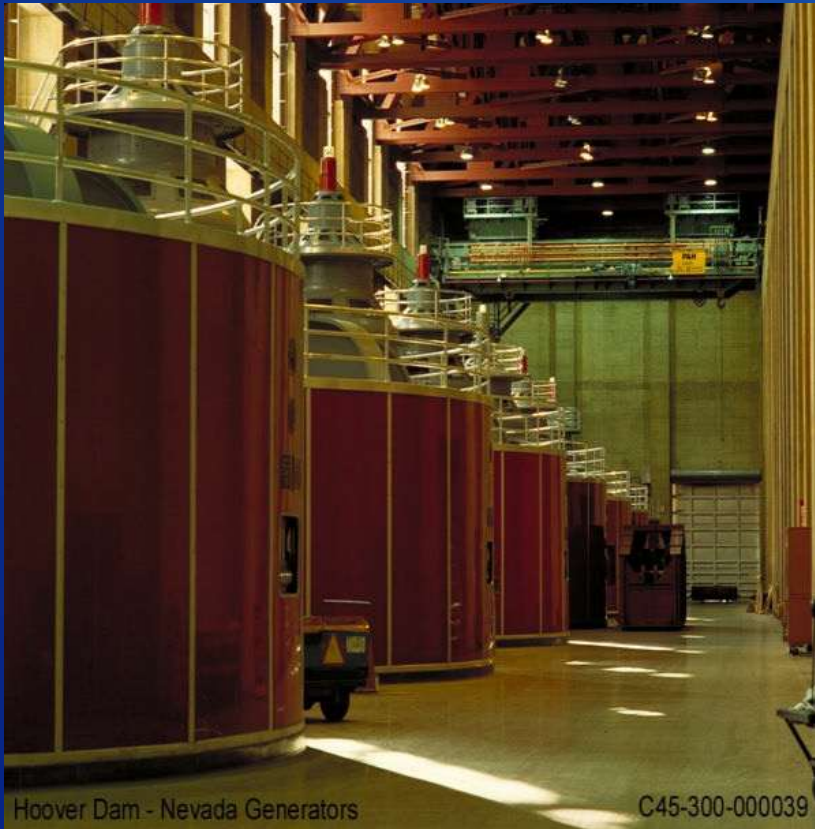


Yuma Project - Centennial

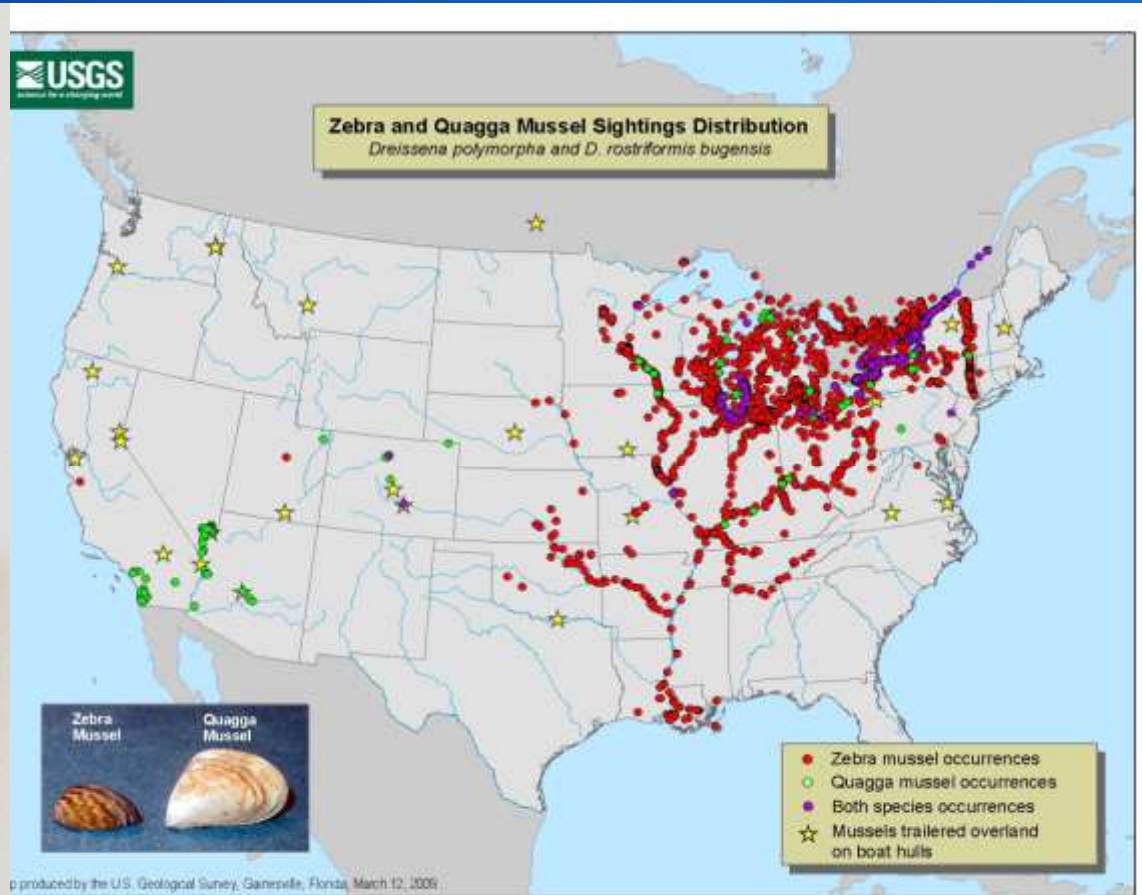
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Reclamation Infrastructure



Quagga Mussel Infestation



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Urbanized Canals



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