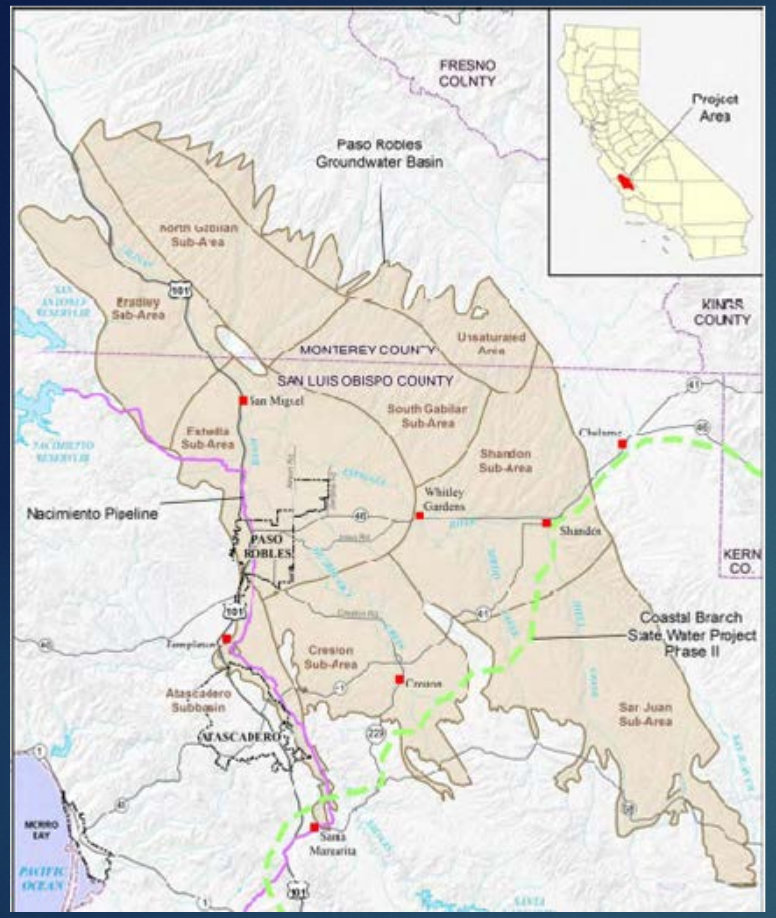
Appendix C.6

Public Works Department Presentation –
Achieving Sustainability in the Paso Robles Groundwater Basin
May 29, 2015



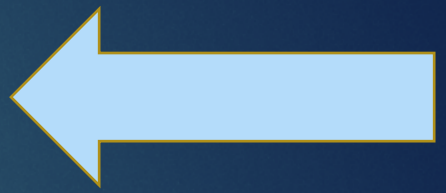
ACHIEVING SUSTAINABILITY
IN THE

Paso Robles Groundwater Basin

Mission Statement: *Public Works will be a valued community partner enhancing quality of life for our fellow county residents*

Groundwater Sustainability Plan(s?)

- AB 3030 Groundwater Management Plan
  - Monitoring Improvements
  - Computer Modeling
  - Supplemental Water Supply Options Study
  - Conservation Programs
  - Active Advisory Committee

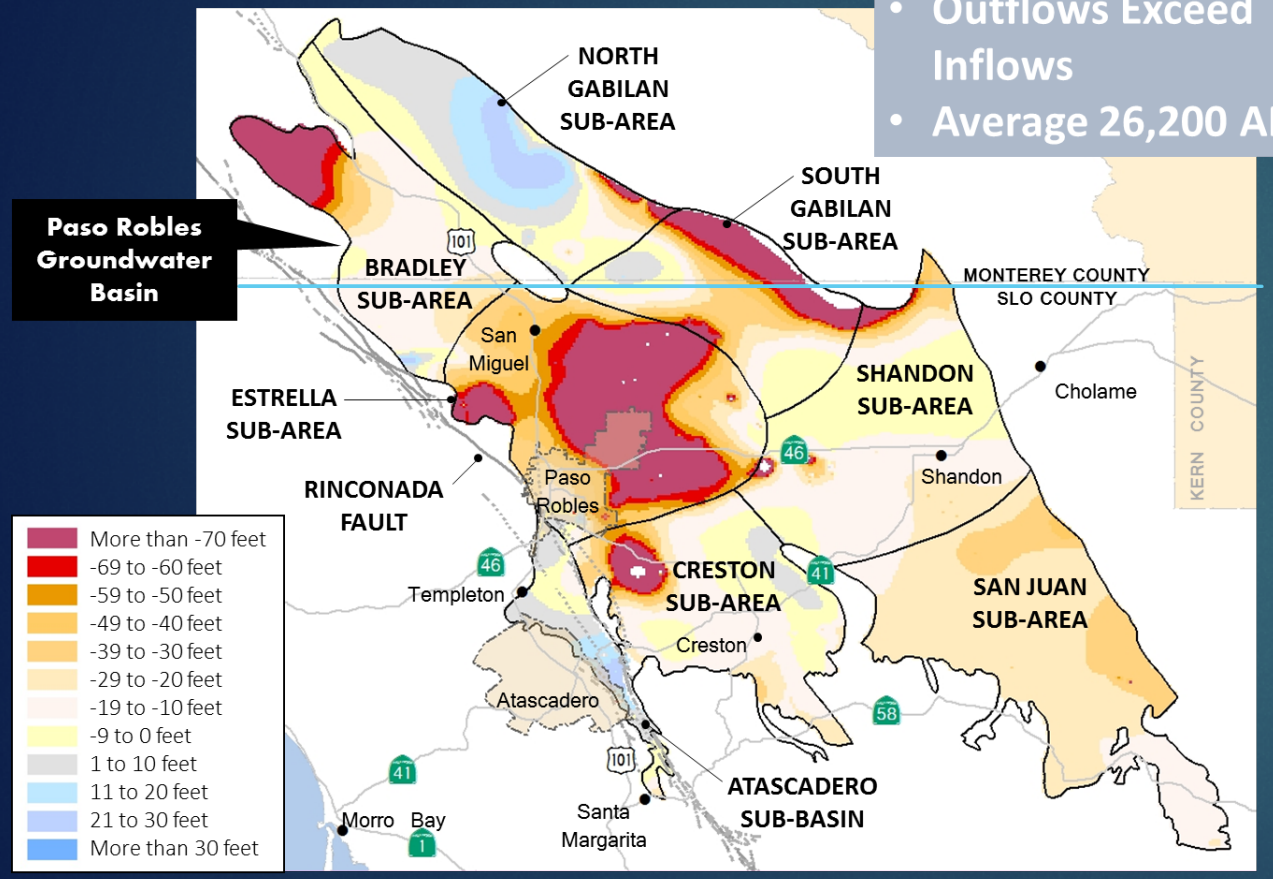


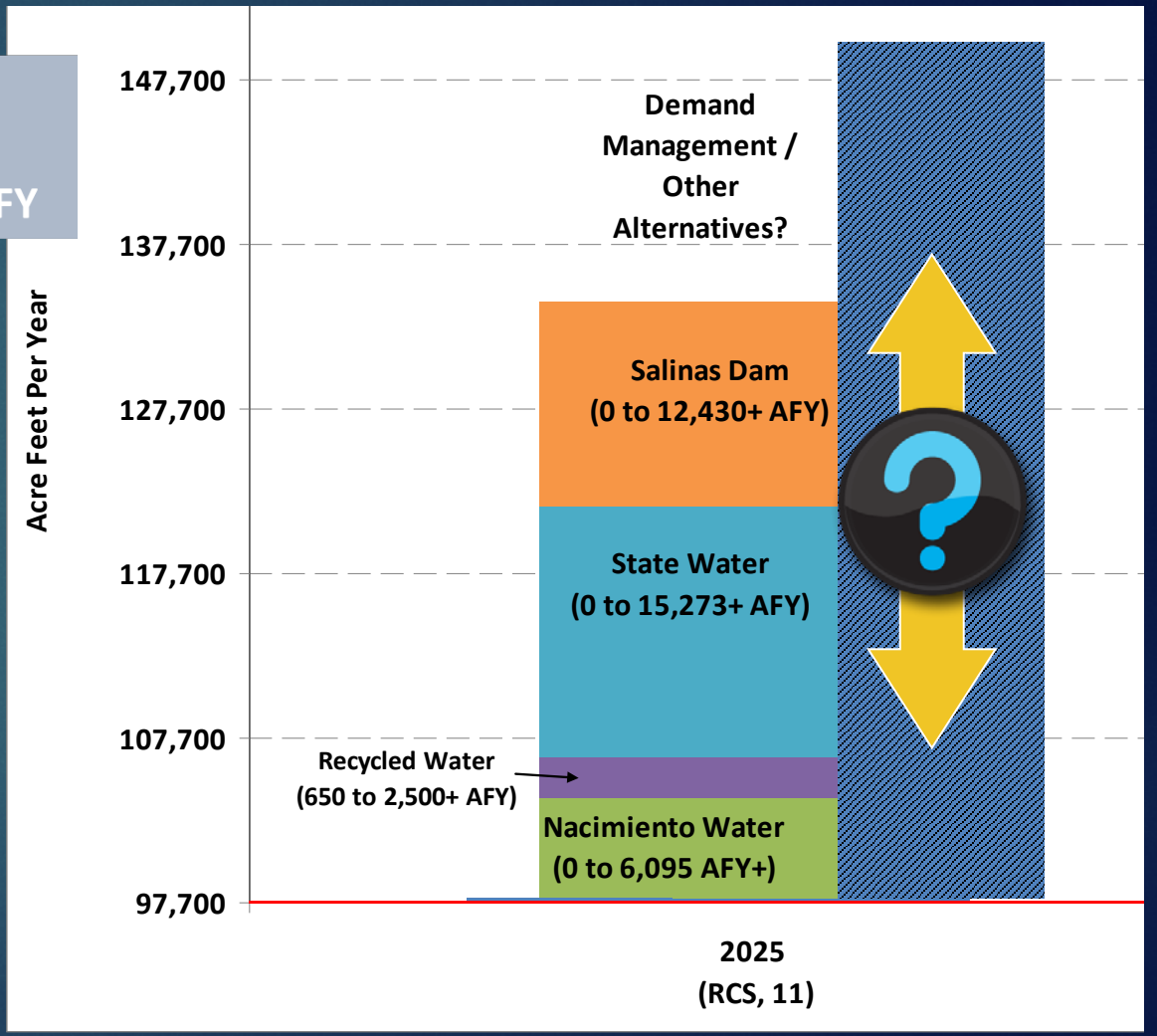
- Integrated Regional Water Management Program
  - Salt and Nutrient Management Plan
  - Percolation Areas Study
  - Funding Opportunities

- US Bureau of Reclamation Basin Study Program
  - Salinas River Basin Study (potential)

Supplemental Supply Options

- Outflows Exceed Inflows
- Average 26,200 AFY





Feasibility Studies Scope of Work

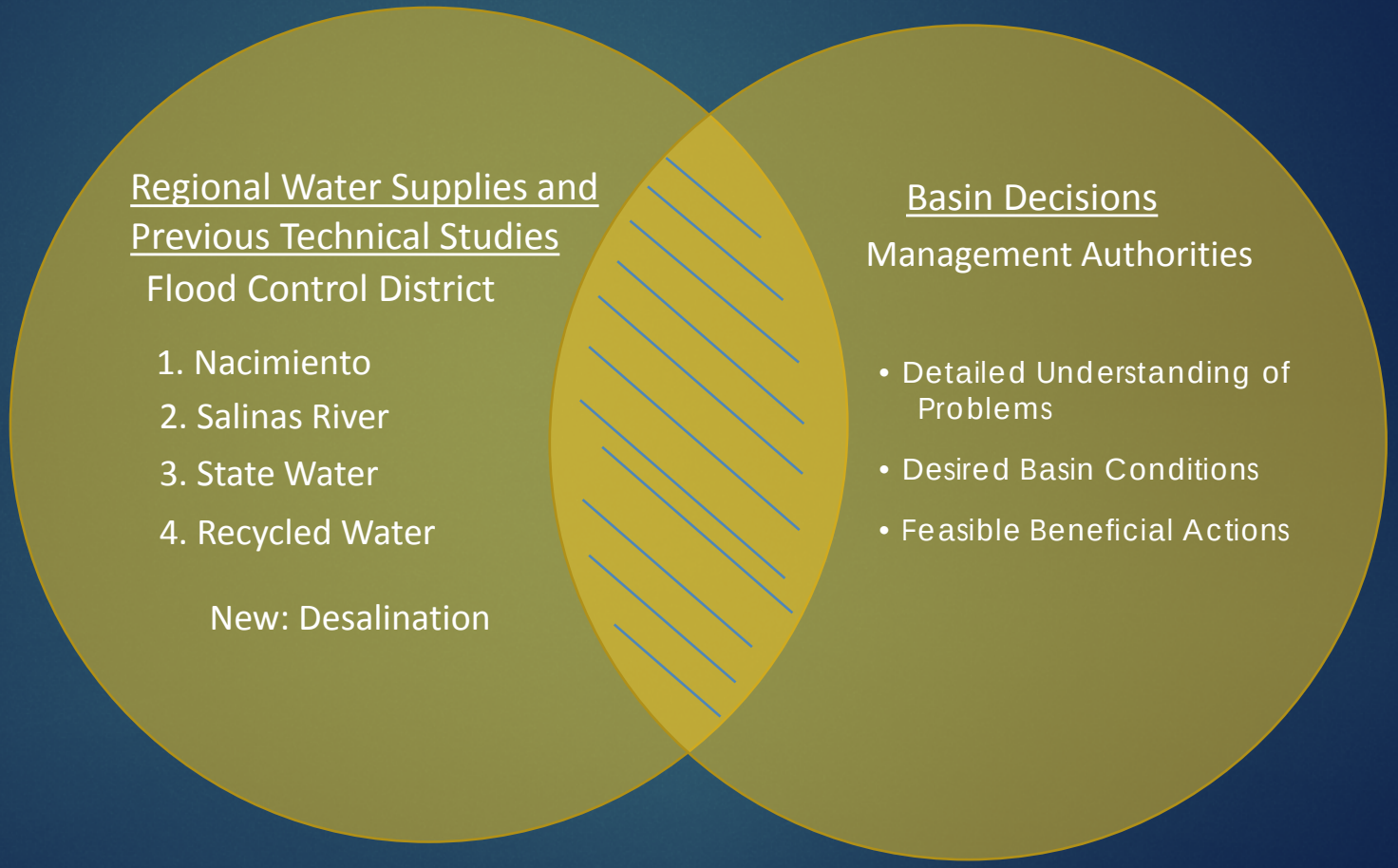
- How much State Water, Salinas River Watershed Water, Nacimiento Water and Recycled Water are available and what would it take to procure?
  - Timing, duration, location, quality
  - One time and ongoing costs
  - Regulatory, contractual, environmental and other considerations

- Similar information to be compiled for Desalination opportunities
- Paso Basin nexus

Surface water exchange concepts

- Objective: Increase the quantity of supplemental water available to the Basin beyond excess allocations/contractual constraints
- Concepts identified:
  - Participate in the development of North County projects in order to optimize the use of existing reservoirs
  - Participate in the development of South County/Coastal water projects in order to obtain more State Water (e.g. Desalination, Recycled Water)

The Hand Off


Regional Water Supplies and Previous Technical Studies
Flood Control District
1. Nacimiento
2. Salinas River
3. State Water
4. Recycled Water
New: Desalination
Basin Decisions
Management Authorities
• Detailed Understanding of Problems
• Desired Basin Conditions
• Feasible Beneficial Actions

Questions

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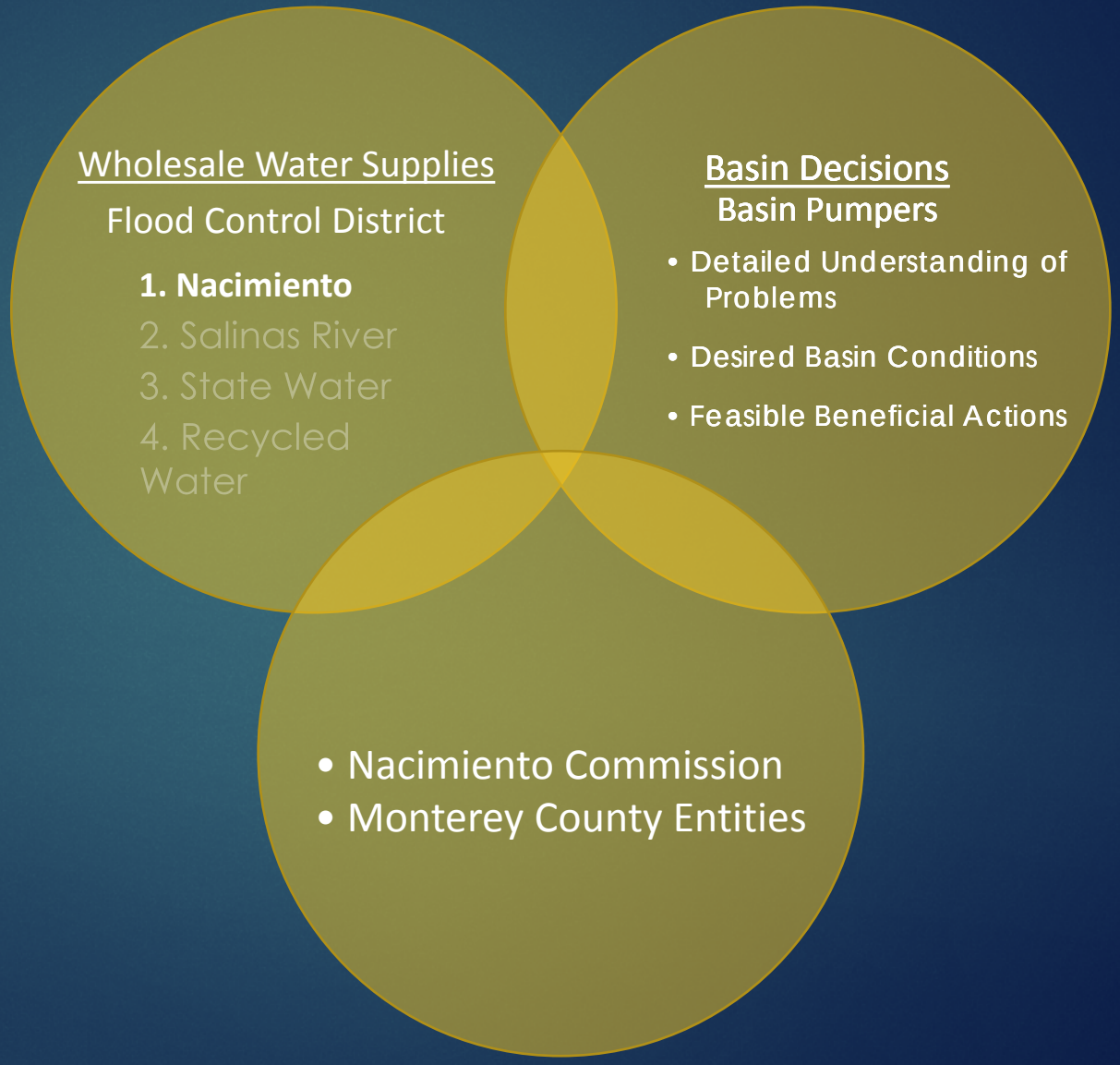
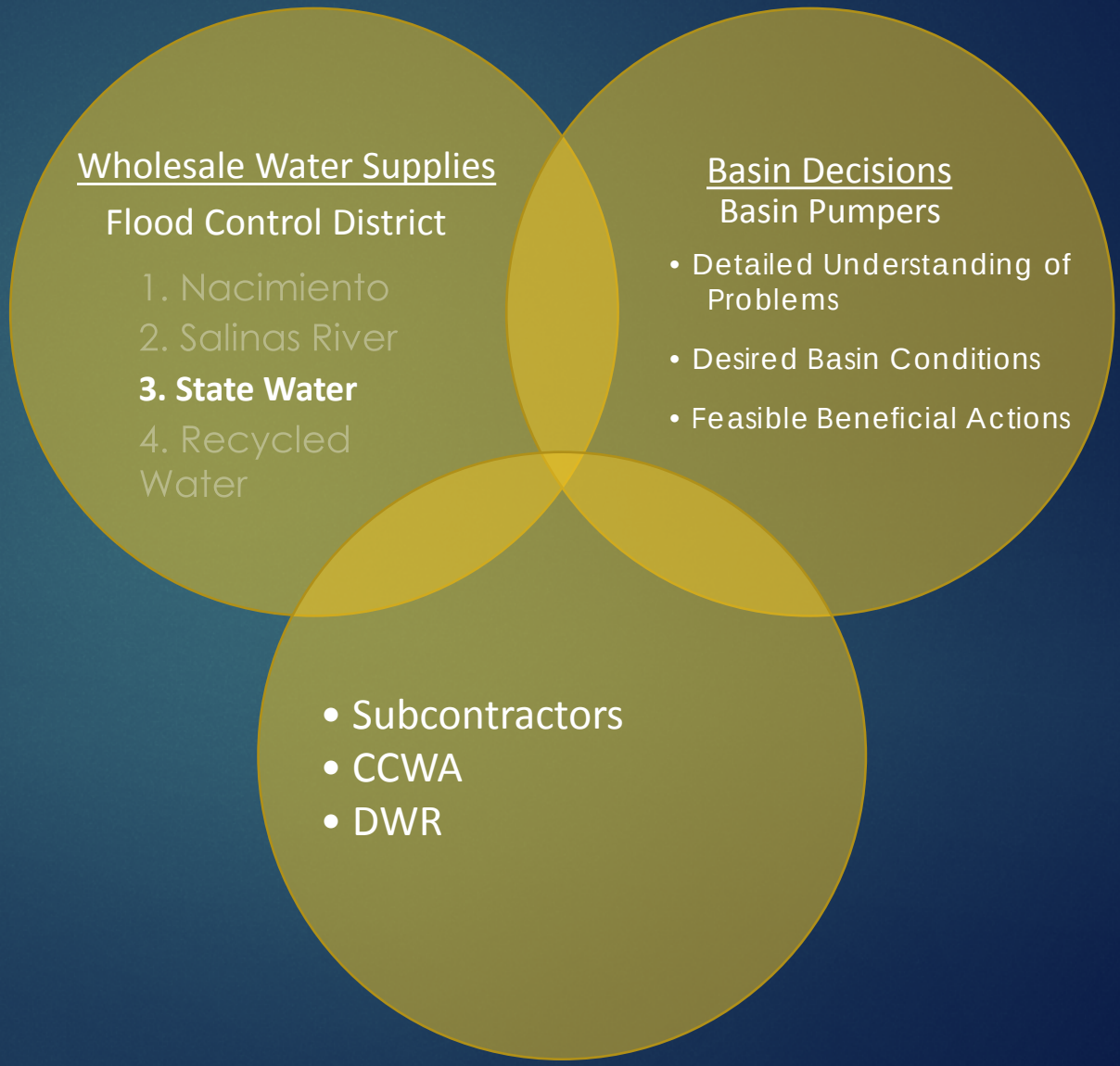
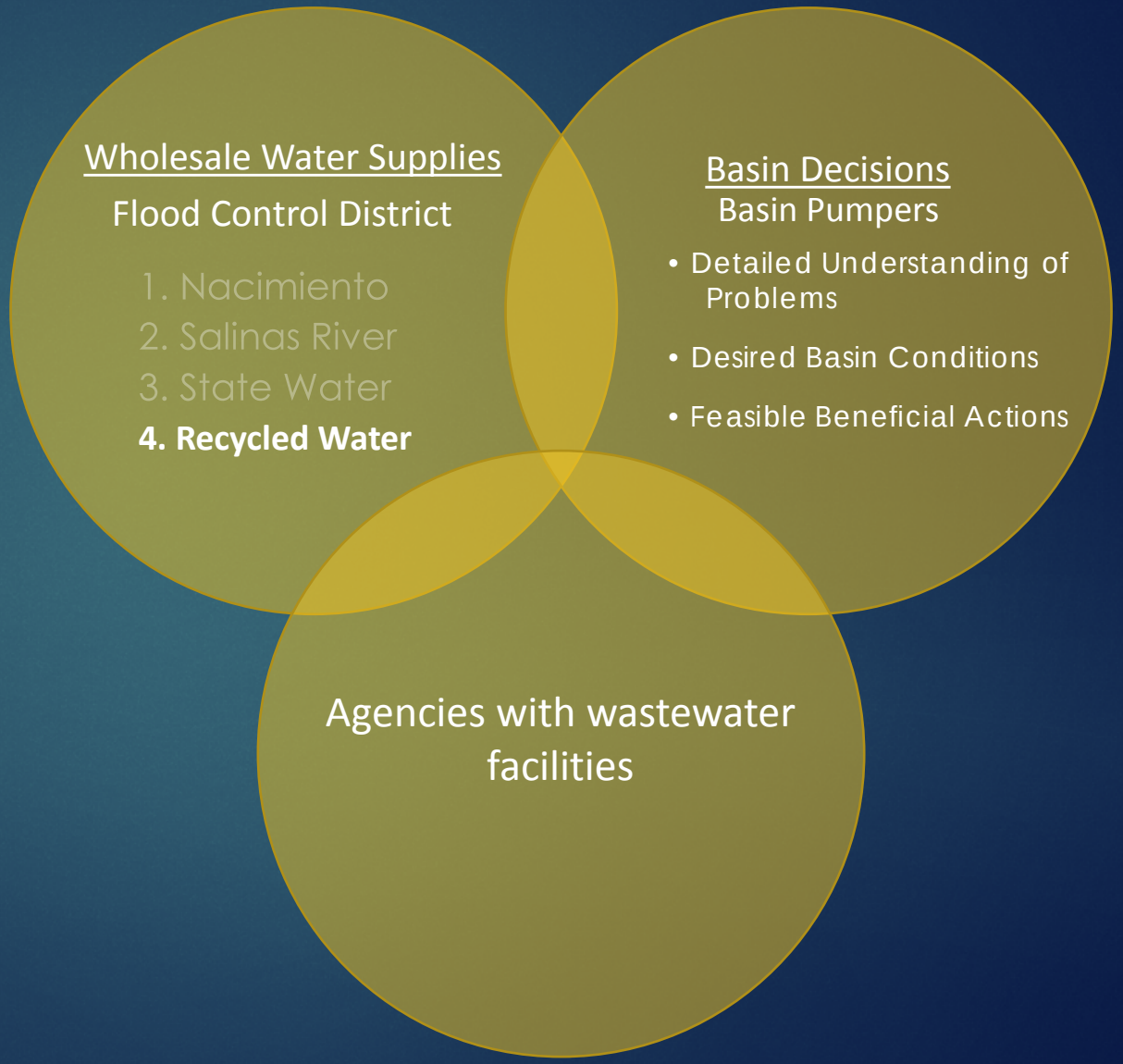
Feasibility Studies



Feasibility Studies

Feasibility Studies



Feasibility Studies