

Focus Areas for Addressing Groundwater Sustainability

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Problem Statement



Focus Areas for Addressing Groundwater Sustainability

- ▶ Changes have been driven by comments and suggestions made by Directors at the January Board meeting
- ▶ Purpose of original December workshop: based on identified groundwater problem conditions, staff would evaluate ways to improve those conditions using the groundwater model to simulate improvements accomplished by potential Projects and Management Actions (PMAs)

How the Document is Being Used in the GSP

- ▶ Provide focus on those groundwater problem conditions that are to be addressed in the GSP by Projects & Management Actions (PMAs) and that can be modeled with the Basin groundwater model
- ▶ Will be included as an appendix to the section on PMAs to provide a record of the process the Board has taken to identify groundwater conditions to be addressed by PMAs

New Document Organization

1. Background and Purpose
2. Why We Started with a Problem Statement?
3. Desired Conditions
4. Groundwater Sustainability Focus

Lowered Groundwater Levels in Specific Areas of the Basin

- ▶ Current Groundwater Condition
- ▶ Consequences of Lowered Groundwater Levels
- ▶ Solution to Address Lowered Groundwater Levels

5. Basin Condition that is not a Direct Result of Unsustainable Groundwater Use

Nitrate and Contaminants of Emerging Concern in Basin Groundwater

- ▶ Current Groundwater Condition
- ▶ Consequences of Nitrate and Contaminants of Emerging Concern in Basin Groundwater
- ▶ Solution to Address Nitrate and Contaminants of Emerging Concern in Basin Groundwater

Questions