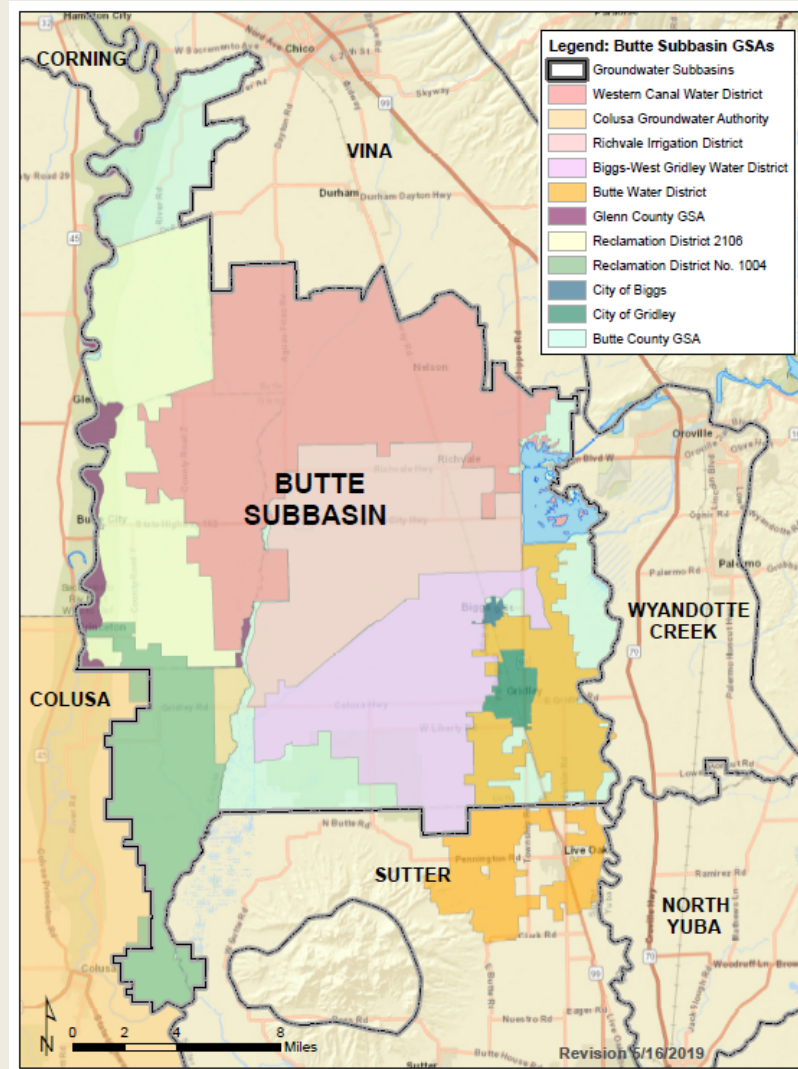# Groundwater Sustainability Plan Timeline

Groundwater Sustainability Plan Timeline

Schedule and Budget

➢ Butte County, on behalf of all the GSAs, in the Butte, Vina and Wyandotte Creek subbasins received a $1.5 million Proposition 1 grant

➢ Schedule reflects interconnected and interdependent tasks

➢ Work by GSA staff, consultants, and facilitation services

➢ Extensive public process

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Groundwater Sustainability Plan Timeline

SGMA Timeline

Phase 1	Phase 2	Phase 3	Phase 4
GSA Formation and Coordination	Development and Adoption of Groundwater Sustainability Plans (GSPs)	Early Implementing of GSPs thru Water Budgets & Outcome Based Metrics	Sustainable Groundwater Management
(Oct 2014 through July 2017)	(2017 to Jan 2022)	(Jan 2022)	(20 years from 2022)

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Groundwater Sustainability Plan Status

Groundwater Sustainability Plan

1. Administrative Information
- §354.4. General Information
- §354.6. Agency Information
- §354.8. Description of Plan Area
- §354.10. Notice & Communication

2. Basin Setting
- §354.14. Hydrogeologic Conceptual Model
- §354.16. Groundwater Conditions
- §354.18. Water Budget
- §354.20. Management Areas

3. Sustainable Management Criteria
- §354.24. Sustainability Goal
- §354.26. Undesirable Results
- §354.28. Minimum Thresholds
- §354.30. Measurable Objectives

4. Monitoring Networks
- §354.34. Monitoring Network
- §354.36. Representative Monitoring
- §354.38. Assessment & Improvement
- §354.40. Reporting Monitoring Data to the Department

5. Projects and Management Actions
- §354.44. Projects & Management Actions

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Groundwater Sustainability Plan Timeline

Overall Timeline

➢ **2018-2020** Governance, Basin Setting, other low hanging fruit

➢ **2020-2021** GSP Completion

➢ **January 30, 2022** GSP submitted

➢ **April, 2023 (annually)** Annual Reports

➢ **April, 2027 (every 5 years)** Periodic Evaluations

➢ **2042** Sustainability!!!

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Groundwater Sustainability Plan Status

Basin Setting Project

➢ Davids Engineering ($600,543)

➢ All Draft Sections will be released by June 2020

➢ Review & Approval
  - ➢ Draft Chapters reviewed by Butte GSA Managers
  - ➢ Initial presentation to GSA Boards/Councils by GSA Manager
  - ➢ Presentation of initial draft sections to Butte Advisory Board on April 22, 2020
  - ➢ Review and completion by December, 2020

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Groundwater Sustainability Plan Status

Data Management Sections

- Monitoring Protocols
- Data and Reporting Standards
- Data Collection and Analysis
- Monitoring Networks Review

Basin Setting Sections

- Integrated Hydrologic Modeling
- Hydrogeologic Conceptual Model (HCM)
- Current and Historical Groundwater Conditions
- Water Budget Information for historical, current and projected scenarios

Management Areas

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Groundwater Sustainability Plan Status
GSP Completion

Request for Proposals
- Deadline February 28, 2020
- Contract approval expected in April
- Will develop GSP sections suitable for submission

Stakeholder Engagement
- Butte Basin Advisory Board
- Facilitation Support Services

Annual Report Template
- Due April 1, 2022

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Groundwater Sustainability Plan Status

Sustainable Management Criteria

- ➢ Sustainability Goal
- ➢ Undesirable Results
- ➢ Minimum Thresholds
- ➢ Measurable Objectives
- ➢ Sustainable Yield

Undesirable Results
Significant and Unreasonable

Lowering GW Levels | Reduction of Storage | Seawater Intrusion | Degraded Quality | Land Subsidence | Surface Water Depletion

Representative Monitoring

- ➢ Designate representative sites
- ➢ Adequacy of monitoring sites to represent general conditions

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Groundwater Sustainability Plan Status

Coordination with Neighboring Subbasins

Data Management Tasks
- ➢ Data Management System (completion)

Projects and Actions
- ➢ Do not have to be implemented on January 31, 2022
- ➢ May include many projects/actions
- ➢ 20 Year Implementation Horizon
- ➢ Must provide sufficient information, data and analysis
- ➢ Subject to 5-Year Progress Reports
- ➢ Changes to adopted actions based on successful implementation and hitting Interim Targets

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Groundwater Sustainability Plan Status

Administrative Sections

- ➢ GSA Governance
  - ➢ General Information (Exec. Summary, References and sources)
  - ➢ Agency Information (includes estimate of implementation program/project costs)
  - ➢ Description of Plan Area
  - ➢ Notice and Communication (describe decision making process and produce communication plan)

GSP Document Preparation and Adoption

- ➢ Fall 2021 - Sections must be completed
- ➢ December 31, 2021 - Hearings and approval by GSAs
- ➢ January 1 – 31, 2022 - Packaging and GSP submission

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Groundwater Sustainability Plan Status

Thank you