

Exhibit A

WORK PLAN – Example for multi-component mix of construction and planning

Project Title: XXXX Subbasin Recharge Optimization Study and Program (Project)

Project Description: The Work Plan includes activities associated with implementation and continued planning, development, and preparation of 2025 GSP update for the XXXX Subbasin (Subbasin). The updates to the GSP amendment will incorporate appropriate Best Management Practices (BMPs) as developed by DWR, and will result in a more complete understanding of the groundwater subbasin to support long-term sustainable groundwater management. The Project also includes conducting a geotechnical investigation in the Subbasin to identify future recharge basin project locations and the construction on groundwater recharge facilities. The Work Plan includes three components:

Component 1: Grant Administration

Component 2: XXXX Subbasin GSP 5-year Update

Component 3: Storage Treatment Aquifer Recharge Facilities, Phase 1

COMPONENT 1: GRANT ADMINISTRATION

Category (a): Grant Agreement Administration

Prepare reports detailing work completed during reporting period as outlined in Exhibit F, “Report Formats and Requirements” of this Agreement. Progress Reports will include sufficient information for the DWR Grant Manager to understand and review backup documentation submitted with invoices. Quarterly invoices will accompany the Quarterly Progress Reports and should be submitted to the DWR Grant Manager for review to receive reimbursement of Eligible Project Costs. Collect and organize backup documentation by component, budget category, and task and prepare a summary Excel document detailing contents of the backup documentation organized by component, budget category, and task.

Prepare and submit the Environmental Information Form (EIF) within 30 days of the execution date of the Grant Agreement. No invoices will be reviewed or processed until the EIF has been received by the DWR Grant Manager. Submit a deliverable due date schedule within 30 days of the execution date of the Grant Agreement to be reviewed and approved by the DWR Grant Manager. Any edits to the schedule must be approved by the DWR Grant Manager and the revised schedule saved in the appropriate project files.

Prepare the Draft Component Completion Report and submit to the DWR Grant Manager for comment and review 90 days before the end date for each component as outlined in Exhibit C. DWR’s Grant Manager will review the Draft Component Completion Report and provide comments and edits within 30 days of receipt, when possible. Prepare a Final Component Completion Report addressing the DWR Grant Manager’s comments within 30 days before each Component end date outlined in Exhibit C. The report shall be prepared and presented in accordance with the provisions of Exhibit F, “Report Formats and Requirements” and approved by the DWR Grant Manager within 30 days after the end date. All deliverables listed within the Work Plan shall be submitted with each Final Component Completion Report unless a new deliverable due date was approved by the DWR Grant Manager.

Prepare the Draft Grant Completion Report and submit to the DWR Grant Manager for comment and review 90 days before the work completion date listed in Paragraph 2. DWR’s Grant Manager will review the Draft Grant Completion Report and provide comments and edits within 30 days of receipt, when possible. Prepare a Final Completion Report addressing the DWR Grant Manager’s comments prior to the work completion date. The report shall be prepared and presented in accordance with the provisions of Exhibit F, “Report Formats and Requirements” and approved by the DWR Grant Manager within 30 days after the work completion report. However, all charges accrued after the work completion date in Paragraph 2 will not be reimbursed. The retention invoice must be received, processed, and through DWRs accounting office by the final payment date

outlined in Paragraph 2. All deliverables listed within the Work Plan shall be submitted with the Final Completion Report unless a new deliverable due date was approved by the DWR Grant Manager.

Deliverables:

- EIF
- Deliverable due date schedule
- Quarterly Progress Reports, Quarterly Invoices, and all required backup documentation
- Draft and Final Component Completion Reports
- Draft and Final Grant Completion Reports

COMPONENT 2: XXXX SUBBASIN GSP 5-YEAR UPDATE

Assess progress in prior years after the adoption of the XXXX Subbasin GSP, and use the best available information and science to prepare the 2025 5-year amendment to the XXXX Subbasin GSP. The amendment will be updated to reflect progress towards achieving the XXXX Subbasin 2040 sustainability goals, project implementation, and SGMA regulations compliance.

Category (a): Component Administration

Not applicable to this Component

Category (b): Planning / Design / Environmental

Not applicable to this Component

Category (c): Implementation / Construction

Not applicable to this Component

Category (d): Monitoring / Assessment

Task 1: Groundwater Model

Update the XXXX Subbasin Hydrogeologic Conceptual Model (HCM) based on a new available data and identify any data gaps.

Deliverables:

- Groundwater Flow Model Technical Report

Task 2: Implementation of GSP

Provide a road map for the XXXX Subbasin to meet its sustainability goal by 2040 and comply with SGMA regulations using the best available information and science. Assess progress and revise the GSP as necessary.

Deliverables:

- Proof of 5-year Updated GSP submittal to DWR

Category (e): Engagement / Outreach

Task 3: Interested Parties Engagement

Conduct public noticing and discuss GSP development progress at Grantee Board meetings. Review and ratify the GSP, allowing for public comment.

Deliverables:

- General Outreach materials and notices related to Component 2

- Meeting agendas, materials, and summaries (if applicable)

COMPONENT 3: STORAGE TREATMENT AQUIFER RECHARGE FACILITIES, PHASE 1

Component 3 consists of eight (8) Aquifer Storage and Recovery (ASR) facilities, approximately 1 acre per ASR location, located throughout the XXXX Subbasin that will allow for temporary storage of surplus surface water in the aquifer. The injected water provides a maximum of 10,800 acre feet per year (AFY) of aquifer storage and would later be extracted by growers. Component 3 mainly consists of rehabilitating / retrofitting existing wells or drilling new wells, installation of filtration and conveyance, and constructing a retention basin. Injections are anticipated in wet hydrologic years when surplus surface water supplies (i.e., XXXX Project water risk of spill and flood water) are typically available, and recovery would occur in a subsequent dry hydrologic years. Component 3 also includes conducting geotechnical investigation to identify groundwater recharge potential on lands within the XXXX Subbasin. The data collected will help interested parties, including the District and growers to determine the feasibility for groundwater recharge.

Category (a): Component Administration

Not applicable to this Component

Category (b): Environmental / Engineering / Design

Task 1: CEQA/Permitting

Prepare and submit required CEQA documentation pursuant to current CEQA guidelines if an exemption from CEQA is not granted. Submit the CEQA document(s) to the DWR Grant Manager for review and concurrence prior to beginning construction activities. Conduct a biological assessment to determine if there may be potential impacts to special species and comply with the mitigation measures of the XXXX Program. Obtain applicable permit(s) pertinent to Component 3, including US EPA Class 5 Underground Injection Control permit. Submit a Notice of Exemption or Determination with the respective county(ies) and State Clearinghouse.

Construction may not begin and no costs for Category (c), Task 5 may be incurred until a exemption from CEQA is granted, or the State has reviewed the CEQA document(s), completed its CEQA responsible agency obligations and given its environmental clearance in accordance with Paragraphs 5 and D.8 of this Agreement. Any costs incurred for Category (c), Task 5 prior to an exemption from CEQA is granted, or DWR gives its environmental clearance shall not be reimbursed and any such amounts shall be deducted from the total Grant Amount in Paragraph 3.

Deliverables:

- Letter of No CEQA Challenge
- Biological Assessment Report
- US EPA Class 5 Underground Control Permit
- Applicable permit(s), if necessary
- Notice of Exemption/Determination, if applicable

Task 2: Geotechnical Investigation

Conduct geotechnical investigations on lands within the XXXX Subbasin to identify groundwater recharge potential. Conduct geotechnical work consisting of approximately 100 cone penetrating test (CPT) and 10 deep exploratory borings which will also help interested parties such as growers and/or the Grantee determine if a site is feasible for groundwater recharge.

Deliverables:

- Geotechnical Report

Task 3: Design

Complete the preliminary design plans and specifications for Component 3 along with the topographic survey and/or geotechnical work, if needed. Develop the 50% design plans for Component 3 and submit them for review and concurrence prior to completing the final design plans and specifications. Prepare the 100% design plans and specifications in accordance with requirements for public bidding for construction. Submit the 100% design plans and specifications for review and concurrence prior to advertising Component 3 for bids.

Deliverables:

- Topographic Survey, if necessary
- Geotechnical Investigation, if necessary
- 50% design plans and specifications
- 100% design plans and specifications

Category (c): Implementation / Construction**Task 4: Contract Services**

Develop all necessary documents to secure a contractor(s) and submit to the DWR Grant Manager prior to advertising. Award the contract, submit the Notice of Award, and submit the Notice to Proceed to the DWR Grant Manager. Photo-document pre-construction conditions and weekly construction activities, if available. Prepare any change orders, address contractor's onsite questions, review/update construction schedule, review contractor submittals and pay requests, and notify contractor if work is not acceptable. Finalize record drawings and submit the as-built drawings to DWR's Grant Manager. Construct Component 3 per the final design plans and specifications and outlined in the awarded contract(s). Conduct an inspection of the completed Component by a licensed professional and submit a Certification of Completion letter from the licensed professional to ensure Component 3 was constructed per the 100% design plans and specifications and that Component 3 will provide the benefits claimed.

Deliverables:

- Proof of bid advertisement
- Notice of Award
- Executed Contract
- Notice to Proceed
- Bid document(s)
- Photo-documentation of pre-, during, and post-construction activities included within the appropriate Quarterly Progress Reports
- Notice of Completion
- As-built drawings
- Site inspection letter or report

Task 5: Construction/Implementation Activities

Conducted mobilization and site preparation work for the project including installation of security fencing and shoring at the project site. Prepare a health and safety plan. Perform construction activities including compaction, excavation, well drilling/rehabilitation, installation of ASR wells, pipeline installation, filtration system and chemical injection installation, monitoring installation, and electrical installation. Prepare a well completion report following well drilling. Conduct performance testing and site demobilization, following construction.

Deliverables:

- Health and Safety Plan
- Well completion report(s)

Category (d): Monitoring / Assessment
Not applicable to this Component

Category (e): Engagement / Outreach
Not applicable to this Component

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