

Exhibit A

Grant Agreement No. 4600012705

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EXHIBIT J PROJECT LOCATION

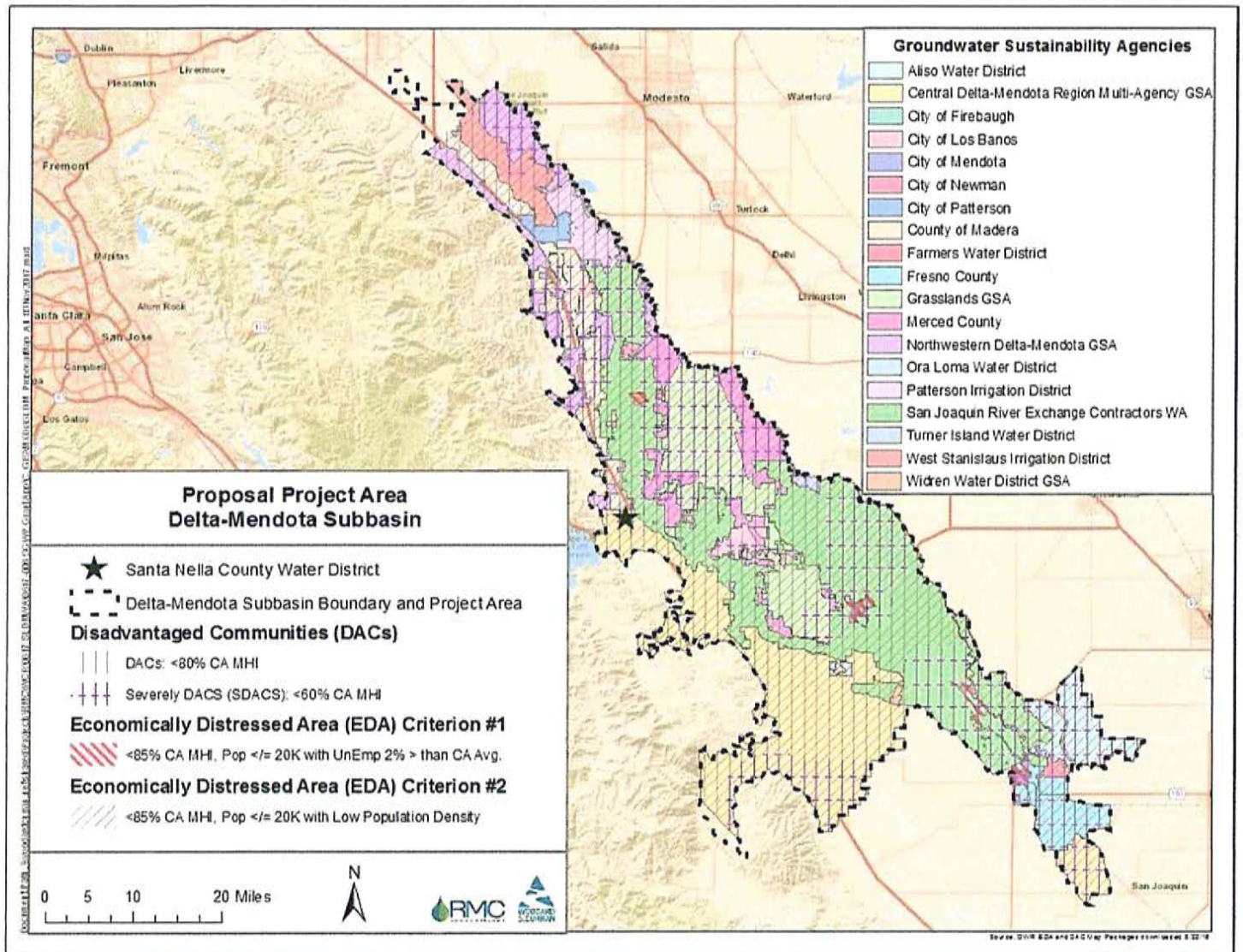


EXHIBIT B

Grant Agreement No. 4600012705

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EXHIBIT I

LOCAL PROJECT SPONSORS

The Grantee has assigned, for each Component, a Local Project Sponsor (LPS) according to the roles of the participating agencies identified in Exhibit A, Work Plan. LPSs may act on behalf of the Grantee for the purposes of individual project management, oversight, compliance, and operations and maintenance. LPSs are identified for each sponsored component below:

Local Project Sponsor Agency Designations		
Sponsored Component	Sponsor Agency	Agency Address
Component 3: Generic Data Management System	Santa Nella County Water District	Amy Montgomery Santa Nella County Water District 12931 S. Hwy 33 Santa Nella, CA 95322
Component 4: Northern and Central Delta-Mendota Region GSP Development	San Luis & Delta-Mendota Water Authority	Andrew Garcia San Luis & Delta-Mendota Water Authority 842 6 th Street Los Banos, CA 93635
Component 5: Grassland Water District GSP Development	Grassland Water District	Ricardo Ortega Grassland Water District 200 W. Willmont Avenue Los Banos, CA 93635
Component 6: Farmers Water District GSP Development	Farmers Water District	Jim Stilwell Farmers Water District 4460 W. Shaw Avenue, #219 Fresno, CA 93722
Component 7: Aliso Water District GSP Development	Aliso Water District	Roy Catania Aliso Water District 10302 Avenue 7-1/2 Firebaugh, CA 93622
Component 8: Fresno County Management Area A & B GSP Development	Fresno County	Bernard Jimenez Fresno County 2220 Tulare St. 6th Floor Fresno, CA 93721
Component 9: San Joaquin River Exchange Contractors GSP Development	San Joaquin River Exchange Contractors	Steve Chedester San Joaquin River Exchange Contractors Water Authority 541 H Street, P.O Box 2115 Los Banos, CA 93635

EXHIBIT A WORK PLAN

Project Title: 2017 Sustainable Groundwater Planning Grant for the Delta-Mendota Subbasin

Project Description: The Grantee's Sustainable Groundwater Planning Grant for the Delta-Mendota Subbasin (Project) consists of activities that serve and directly benefit Severely Disadvantaged Communities (SDACs) and are related to the planning and development of GSPs. The Project consists of a total of nine components that include: 1) grant administration, 2) technical assistance services to SDACs, 3) development of a Data Management System (DMS), and 4) through 9) GSP development.

Component 1: Grant Administration

Implementing Agency: Grantee

Category (a): Grant Administration

Manage and administer the Project as follows. Prepare and submit invoices to DWR, track progress and schedule, and manage contracts and budgets associated with the Grant Agreement. Administer and track contracts with consultants or other agencies that are necessary to complete tasks in the Work Plan and compile the required invoice back-up information. Conduct administrative responsibilities associated with the Project such as coordinating with partnering agencies and managing consultants/contractors including coordination of conference calls/meetings as needed.

Compile quarterly Progress Reports and invoices for submittal to DWR. Progress Reports will be prepared in accordance with Exhibit F. Invoices will include backup documentation. For each component, backup documentation will be collected and organized by category, along with an Excel compatible summary document detailing the contents of the backup documentation.

Prepare draft Grant Completion Report and submit to DWR for Project Manager's comment and review no later than 90-days after work completion. Prepare a Final Grant Completion Report addressing the DWR Project Manager's comments and submit to DWR in accordance with the provisions of Exhibit F.

Deliverables:

- Executed Grant Agreement and executed Amendment(s) (if necessary)
- Environmental Information Form
- Invoices and associated backup documentation
- Progress Reports
- Draft and Final Grant Completion Report

Component 2: Technical Assistance Services

Implementing Agency: Grantee

Category (a): Component Administration

Prepare backup documentation for invoices. Prepare a component completion report.

Deliverables:

- Backup documentation
- Component Completion Report

Category (b): Stakeholder Engagement

Task 1: SDAC Engagement and Education Program

Conduct an educational outreach program to SDACs in the Delta-Mendota Subbasin (Subbasin) to provide education on SGMA, its implications, the availability of grant funding to support their participation in the GSP preparation process, and how this funding will be allocated. Retain consultant assistance as necessary to act

as the SDAC liaison and cooperate with the Subbasin Coordination Committee. The SDAC liaison will conduct the activities including, but not limited to the following:

- Identifying SDACs in the Subbasin, document meeting occurrences, and establish points-of contact
- Developing and distributing education material at SDAC meetings
- Reporting on developments of the Coordination Committee with regards to SGMA compliance and GSP development
- Reporting concerns of SDACs to the Coordination Committee
- Develop and distribute a Technical Assistance Request Form

Technical Assistance Request Forms received will be evaluated by the Coordination Committee or by an Ad Hoc committee and recommendations made based financial need, and for groundwater sustainability.

Deliverables:

- Summaries of activities included in Progress Report(s)
- Technical Assistance Request Forms

Category (c): Technical Assistance

Task 2: SDAC Representation

Conduct outreach activities including, but not limited to the following: maintain a contact list of interested parties in their respective SDAC, outreach to SDAC prior to meetings, coordinate with represented SDAC on timing of meetings, provide meeting objectives, and provide work status updates. Attend meetings including, but not limited to the following: Respective SDAC Meetings, Coordination Committee Meetings, and Technical Sub-Committee Meetings

Deliverables:

- Contact list
- Summary of activities included in Progress Report(s)

Task 3: Vulnerability Assessment and Project Development

Conduct groundwater sustainability vulnerability assessments at selected SDACs in coordination with similar efforts being conducted under the San Joaquin River Funding Area (SJRFA) Disadvantage Communities Involvement Program (DACIP) Needs Assessment and the Westside-San Joaquin Integrated Regional Water Management Plan Update. The Vulnerability Assessment may include the following activities:

- Coordination with the SJRFA DACIP program to include groundwater sustainability-related questions on the funding area Needs Assessment
- Development of a SDAC Rapid Appraisal Form that will attempt to further summarize potential groundwater sustainability issues as identified in the SJRFA DACIP Needs Assessment
- Review and organization of data
- Evaluation of groundwater sustainability factors as it relates to SDACs within the Delta-Mendota Subbasin
- Purchase of hardware, software or other services that support SDAC participation in basin-wide monitoring, data analysis and reporting under SGMA
- Prepare final Vulnerability Assessment Report of SDAC

For SDACs that exhibit groundwater sustainability issues, conceptual project development memos may be prepared in coordination with GSP identification of projects and management actions to achieve groundwater sustainability. The conceptual project development memos will be evaluated by the coordination committee. If approved by the committee, the projects would then be further developed for proposed inclusion into one of the Subbasin GSPs. Further development could include:

- Prepare a feasibility study report
- Conduct preliminary design activities

- Identify funding opportunities (implementation / construction funding)

Deliverables:

- SDAC Rapid Appraisal Form
- Completed Vulnerability Assessment Report
- Conceptual Project Development Memos, as appropriate
- Preliminary designs, studies, if necessary

Component 3: Generic Data Management System

Implementing Agency: Santa Nella County Water District

Create a generic DMS for SDACs to use as a base platform from which to develop their own data management systems.

Category (a): Component Administration

Prepare backup documentation for invoices. Prepare a component completion report.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): Stakeholder Engagement

Hold meetings to obtain DMS design input. Conduct stakeholder outreach efforts, including forming a small committee of approximately six agencies to develop the DMS. Will prepare a DMS structure and revisions based on the general understanding of the SDAC needs.

Deliverables:

- Summaries of activities included in Progress Report

Category (c): DMS Development

Task 1: Data Collection and Organization

Collect water supply and demand data and develop a format to organize and transfer the data in the DMS.

Deliverables:

- Summary of data collected
- Data Collection Template

Task 2: Final DMS Testing and Implementation

Conduct testing of the DMS. Conduct meeting(s) to debrief committee with issues encountered and desired modifications that will be evaluated. Provide access to the system to the other SDACs.

Deliverables:

- Summaries of activities included in Progress Report(s)
- DMS technical documentation

Component 4: Northern and Central Delta-Mendota Region GSP Development

Implementing Agency: San Luis & Delta-Mendota Water Authority

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Data Management

Compile data and develop a DMS. Various options for DMS will be identified and compared, with a single platform selected by the GSAs of the Northern and Central Delta-Mendota Region.

Deliverables:

- DMS documentation

Task 2: Flow Modeling

Refine and enhance an existing local groundwater flow model within the Subbasin and develop and refine the hydrologic conceptual model (HCM). Existing models, Central Valley Hydrologic Model, developed by the United States Geological Survey, and California Central Valley Groundwater-Surface Water Simulation Model (commonly known as C2VSim), developed by DWR, will be refined using local-scale data, field well-log data, and other data provided by stakeholders. Appropriate model(s) will be selected and calibrated.

Deliverables:

- Technical memorandum of model enhancement

Task 3: Monitoring

Establish a monitoring network and monitoring protocols. Identify data gaps and develop an action plan for the completion of one or more monitoring networks. Develop a monitoring plan that includes:

- Density of monitoring sites and frequency of measurements to demonstrate short-term, seasonal, and long-term trends
- Scientific rationale for site selection
- Consistency with data and reporting standards
- Corresponding sustainability indicator, minimum threshold, measurable objective, and interim milestone
- Location and type of each site on a map.

Establish protocols for collecting data under the basin-wide monitoring program to ensure reliable and comparable data and methodologies, and for incorporating those data into the DMS.

Deliverables:

- Monitoring Plan
- Data Gap Analysis Results
- Data collection protocols

Task 4: Intra-basin Coordination and Program Management

Conduct technical workshops/meetings amongst the Northern and Central Delta- Mendota GSAs. Hold technical and policy GSP meetings among the GSAs in the Subbasin.

Develop a Project Management Plan that establishes the structure, roles, and responsibilities of the member agencies staff, managers, and consultants. Develop a 100-day action plan to define critical activities in order to establish project direction.

Coordinate the activities of all GSP program team members. Conduct bi-weekly to monthly progress report conference calls to ensure coordination among tasks and sharing of information and data.

Deliverables:

- Summaries of activities included in Progress Report
- Final Project Management Plan
- Final 100-day Action Plan
- Delta-Mendota Subbasin Coordination Agreement

Task 5: Inter-basin Coordination

Provide technical support for a comprehensive Outreach and Stakeholder Involvement Plan. Coordinate technical analyses with adjacent subbasins. Hold technical workshops with adjacent groundwater basin stakeholders as needed to ensure inter-basin coordination of GSP development.

Deliverables:

- Summaries of meetings and activities included in Progress Report(s)

Task 6: GSP Preparation

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Final GSP
- Proof of GSP Submittal to DWR

Category (c): Stakeholder Engagement

Conduct outreach to stakeholders. Develop, maintain, and update a webpage with communication information. Conduct meetings/public workshops throughout the Subbasin to maximize opportunities for stakeholder participation.

Deliverables:

- GSP website documentation
- Delta-Mendota Outreach and Stakeholder Involvement Work Plan
- Summaries of activities included in Progress Report(s)

Component 5: Grassland Water District GSP Development

Implementing Agency: Grassland Water District

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report. Attend GSA meetings and workshops related to GSP work.

Conduct management activities associated with the monitoring well installation such as coordinating with partnering agencies and managing consultants/contractors. Administer and track any contracts with consultants or other agencies. Retain consultants (as needed) to prepare the Completion Report consistent with Exhibit F.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Data Management System

Develop a data collection plan and protocol. In conjunction with these protocols, develop a data management system.

Deliverables:

- Data Collection Plan and Protocol
- Data management system documentation

Task 2: Coordination

Complete technical work and/or studies to support discussion with the adjacent GSAs and complete a coordination agreement amongst Subbasin GSAs. Hold regular Subbasin-wide coordination meetings to address intra- and inter-basin coordination issues.

Deliverables:

- Summaries of activities included in Progress Report

Task 3: GSP Development

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

Category (c) Stakeholder Engagement

Develop programs to inform and engage the stakeholders as to the data being collected and work being conducted to develop the GSP. Hold stakeholder engagement workshops/meetings throughout the development of the GSP. Develop a GSP website for the Grasslands Groundwater Sustainability Agency.

Deliverables:

- Link to Grassland Groundwater Sustainability Agency website
- Summaries of engagement activities included in Progress Report(s)

Component 6: Farmers Water District GSP Development

Implementing Agency: Farmers Water District

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Monitoring Protocols

Develop monitoring protocols based on best management practices.

Deliverables:

- Monitoring Protocols document

Task 2: Data Collection

Collect publicly available data in state and federal on-line databases for water levels, water quality, streamflow, and subsidence in the Subbasin. Collect data from other GSAs.

Deliverables:

- Summary of Data Collected

Task 3: Data Management System

Develop a DMS based on a database containing monitoring data and information from the Mendota Pool Group's Exchange Monitoring Program.

Deliverables:

- Details of Data Management System

Task 4: Coordination Agreement

Review and comment on the technical elements of the draft coordination agreement. Attend technical committee meetings of the Subbasin GSAs.

Deliverables:

- Summaries of activities included in Progress Report(s)

Task 5: GSP Development

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

Category (c): Stakeholder Engagement

Develop an initial notification and submit to DWR. Create a website to display all relevant information on the GSP development process, public outreach and workshops to allow interested parties to comment on the GSP process. Coordinate with Subbasin GSAs in public outreach efforts. Conduct public outreach by providing periodic updates on GSP implementation progress.

Deliverables:

- Proof of Initial Notification
- Website technical content
- Workshop content development
- Outreach materials

Component 7: Aliso Water District GSP Development

Implementing Agency: Aliso Water District

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report. Attend GSP related meetings and workshops.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Data Management System

Develop a data collection plan and protocol. In conjunction with these protocols, develop a simple data management system.

Deliverables:

- Data Collection Plan and Protocol
- Data management system documentation

Task 2: Coordination

Complete technical work and/or studies to support the District's discussion with the adjacent GSAs and complete a coordination agreement amongst Subbasin GSAs. Hold regular Subbasin-wide coordination meetings to address intra- and inter-basin coordination issues.

Deliverables:

- Summaries of activities included in Progress Report(s)

Task 3: GSP Development

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

Category (c): Stakeholder Engagement

Develop programs to inform and engage stakeholders as to the data being collected and work being conducted to develop the GSP. Hold Stakeholder Engagement workshops/meetings throughout the development of the GSP. Develop a GSP website for the Aliso Water District GSA.

Deliverables:

- Aliso Water District GSA website documentation
- Summaries of activities included in the Progress Report(s)

Component 8: Fresno County Management Area A & B GSP Development

Implementing Agency: Fresno County

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report. Attend GSP related meetings.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Monitoring Protocols

Develop monitoring protocols to establish standards for manual measurements and automated devices to collect monitoring data as part of the GSP implementation.

Deliverables:

- Monitoring Protocols document

Task 2: Data and Reporting Standards

Review data reporting and standards prior to data collection and analysis to make sure all data are usable and in the proper format. Access all publicly available data in state and federal on-line databases for water levels, water quality, streamflow, and subsidence in the Subbasin. Submit data requests to Subbasin GSAs.

Deliverables:

- Data Request form for Neighboring GSAs

Task 3: Data Management System

Revise the current DMS to incorporate GSP-related monitoring data and formats.

Deliverables:

- Data Management System documentation

Task 4: Coordination Agreement and GSP Coordination

Enter into a coordination agreement. Review the technical elements of the draft coordination agreement and provide comments. Attend technical committee meetings of Subbasin GSAs.

Deliverables:

- Summaries of activities included in Progress Report(s)

Task 5: GSP Development

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

Category (c): Stakeholder Engagement

Develop and submit Initial Notification. Create a website to display all relevant information on the GSP

development process, public outreach efforts and workshops to allow interested parties to comment on the GSP process. Conduct public outreach by providing periodic updates on GSP implementation progress at workshops and meetings.

Deliverables:

- Initial Notification
- Website technical content documentation
- Summaries of activities included in Progress Report(s)

Component 9: San Joaquin River Exchange Contractors GSP Development

Implementing Agency: San Joaquin River Exchange Contractors

Category (a): Component Administration

Complete administrative responsibilities associated with the GSP development, such as managing consultants/contractors. Retain consultants as needed to collect information related to management of the GSP Development component and the Completion Report.

Deliverables:

- Invoice backup documentation
- Component Completion Report

Category (b): GSP Planning and Development

Task 1: Data Management System

Develop a DMS for the Exchange Contractors GSA and potentially expand the framework into the Coordinated DMS for the Delta-Mendota Subbasin.

Deliverables:

- Data Management System Documentation

Task 2: GSP Coordination

Prepare a coordination agreement to ensure that each GSP utilizes the same data and methodologies, and that elements of the plans necessary to achieve the sustainability goal for the Subbasin are based upon consistent interpretations of the basin setting. Engage neighboring subbasins on assumptions for boundary conditions and coordinated GSP development.

Deliverables:

- Summaries of activities included in Progress Report(s)

Task 3: GSP Development

Prepare a GSP that will meet SGMA regulations and DWR requirements and builds off the information obtained from the activities outlined in the Grant Agreement and upon previously completed studies and reports. Include summaries of activities associated with the GSP development within the Progress Reports.

Deliverables:

- Summaries of activities included as attachment in Progress Report(s)
- Final GSP
- Proof of GSP submittal to DWR

Category (c): Stakeholder Engagement

Develop a website to keep the public informed of any progress made on GSP work. Keep a record of any interested party and engage the stakeholders with respect to GSP matters.

Deliverables:

- GSA/GSP website documentation
- List of interested parties
- Summaries of activities included in Progress Report(s)