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## I.A. Action & Discussion Items

1. Approval of minutes of March 10, 2021 (Attached)
2. Approval of FY 21/22 budget (Attached)
3. Resolution regarding expenditures and contracts
4. DWR comment response plan
5. FIROMAR concept, DWR opportunity and consistency with the GSP
6. Basin accounting framework


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## A.2 Approve of FY 21/22 budget


- Two Ad Hoc Budget Committee meetings in May
- Steering Committee June 2, 2021
- Similar approach as last year's budget development
  - Evaluated known revenue
  - Review expenditures and scenarios
  - Difference is allocated as cost to the GSAs
  - 60/40 groundwater-population cost allocation, \$8,500 minimum contribution and Zone 2 credit/adjustment
- Committee recommending costs similar to last year

**A.2**

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	<h2>A.2 Approve of FY 21/22 budget</h2>
<p><b>A.2</b></p>	<ul style="list-style-type: none"> <li>• Proposed Action             <ul style="list-style-type: none"> <li>• Accept the Steering Committee recommendation and adopt the budget</li> <li>• Adopt the GSA Cost Allocation</li> </ul> </li> </ul>


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	<h2>A.3 Resolution regarding expenditures and contracts</h2>
<p><b>A.3</b></p>	<ul style="list-style-type: none"> <li>• <b>Background:</b> Board of Directors adopted R-20-06 on October 14, 2020 authorizing the Board Secretary to amend Master Service agreements adopted by the Board</li> <li>• <b>Intent for original resolution:</b> <ul style="list-style-type: none"> <li>▪ Support quarterly meetings of Board</li> <li>▪ Enable Steering Committee and Secretary to take action</li> <li>▪ Expedite work via Task Orders</li> <li>▪ Consistent with the Budget</li> </ul> </li> <li>▪ <b>Issue:</b> Unclear language</li> </ul>


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	<h2>A.3 New Resolution- Board Action</h2>
<p><b>A.3</b></p>	<ul style="list-style-type: none"> <li>• Rescind Resolution R-20-06</li> <li>• Designate the Secretary of the Board as the officer authorized to approve expenditures and execute contracts to approved agreements</li> <li>• Modifications a Secretary may make are limited to schedule (term) or dollar amount as long as the modifications are consistent with the adopted GWA budget and are made in consultation and with concurrence of the Steering Committee</li> </ul>


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	<h2>A.4 DWR comment response plan Background</h2>
<p><b>A.3</b></p>	<ul style="list-style-type: none"> <li>• DWR has 2 years to review Evaluate GSPs             <ul style="list-style-type: none"> <li>• Determine if the plans are based on the <i>best available science</i> and <i>reasonably likely to achieve the basin's sustainability goals</i> <ul style="list-style-type: none"> <li>▪ Review based on specific criteria outlined in the regulations</li> </ul> </li> </ul> </li> <li>• Preliminary comments anticipated late summer with consultation</li> <li>• “Official” determination January 2022, 180 days for GWA to respond</li> </ul>


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	<h2>A.4 DWR comment response plan</h2> <h3>Potential determinations</h3>
<p><b>A.3</b></p>	<ul style="list-style-type: none"> <li>• Approved</li> <li>• Incomplete</li> <li>• Inadequate</li> </ul>

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	<h2>A.4 DWR comment response plan</h2>
<p><b>A.4</b></p>	<ul style="list-style-type: none"> <li>• SC will receive the comments, finalize response strategy             <ul style="list-style-type: none"> <li>▪ Coordinate input of TAC, GSAs and neighboring basins</li> <li>▪ Single purpose meetings to discuss</li> </ul> </li> <li>• GSAs will develop individual responses and bring together via Steering</li> <li>• Staff, consultants and legal reps review and consolidated response</li> <li>• Steering consolidate input and develop a joint GWA response</li> <li>• GWA adopt joint response at a special meeting</li> <li>• May be need or desire for individual GSAs to respond</li> </ul>


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## FIROMAR concept, DWR opportunity and consistency with the GSP

- What is it? Is there an opportunity?
- How can it help the ESJ Groundwater Basin?
- Does it fit within the GSP?

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## Forecast Informed Reservoir Operations (FIRO)

- **FIRO** = flexible reservoir operations based on improved weather and hydrologic forecasting to selectively retain or release water from reservoirs in a manner that can adapt to weather extremes, reduce flood risk and potentially increase water supply availability
- Evaluation needed to change prevailing Corp of Engineers Water Control Manual and amend the “Rule Curve” governing reservoir operations

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## Flood Managed Aquifer Recharge (FloodMAR)

- Flood-MAR is an *integrated and voluntary resource* management strategy that uses floodwaters and reservoir releases resulting from, or in anticipation of, rainfall or snowmelt events for groundwater recharge on agricultural lands, working landscapes, and managed natural lands, including refuges, floodplains, and flood bypasses.
- FIRO+FloodMAR = FIROMAR. Combine concepts to create multiple benefits


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## Potential DWR opportunity

- Budget Change Proposal redirects bond funds
- Purpose: to conduct an assessment to prepare for climate vulnerability in the San Joaquin Basin
- Three components for Pilot Projects:
  1. Work with local partners on a flood focused climate vulnerability and adaptation
  2. Support regional flood management planning groups to identify multi-sector, multi-benefit projects
  3. Evaluate lower San Joaquin River flood risks

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	<h2>Objective/Benefits for a Calaveras Pilot Project</h2>
	<ul style="list-style-type: none"> <li>• Integrate FIRO for New Hogan with FloodMAR to reduce flood risk and identify water supply opportunities</li> <li>• Increase climate resilience in the Calaveras and Mormon Slough system</li> <li>• Utilize groundwater storage space</li> <li>• Identify the existing conveyance, need for expansion or creation of new conveyance facilities</li> </ul>

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	<h2>Objective/Benefits for a Calaveras Pilot Project</h2>
	<ul style="list-style-type: none"> <li>• Improve water supply reliability and drought response</li> <li>• Enhance riparian habitat along the Mormon Slough channel; evaluate other habitat restoration, improvement or enhancement opportunities</li> <li>• Improve recreation opportunities along the Mormon Slough channel</li> </ul>

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## Consistency with the GSP

- GSP Sustainability goal: "To maintain an economically-viable groundwater resource for the beneficial use of the people of the Eastern San Joaquin Subbasin by operating the Subbasin within its sustainable yield or ***by modification of existing management to address future conditions.***"

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## Project 20: Mobilizing Recharge Opportunities Project

- The project "would ***put in place a framework to quickly mobilize and take advantage of recharge opportunities*** (e.g., existing storm ponds, lake features, temporary flood easements, agricultural field ponding, etc.). This ***project would provide access to funding to expedite recharge projects as opportunities arise.*** Additional governance and budgetary controls would need to be developed. ***Flood-Managed Aquifer Recharge (Flood-MAR) opportunities*** will be considered through ongoing coordination with existing agencies"


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## Stakeholders/Partners

- ESJ GWA
- City of Stockton
- San Joaquin County/FC&WCD
- SEWD


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## A.6 Basin Accounting Framework

- Coordinate with
  - Funding and financing alternatives evaluation
  - Model update activity
- Further review of approaches in other areas
- Seeking Facilitation Support Services (FSS) from DWR
- Currently staff support, no budget for consultant support
- Steering and TAC evaluate use of carry over currently committed to reserve to obtain support

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 EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY	<h2>III Staff Report</h2>
	<ol style="list-style-type: none"><li>1. TAC Meeting March 4, 2021</li><li>2. DWR Update</li><li>3. Other</li></ol>

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 EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY	<h2>Agenda (Cont.)</h2>
	<ol style="list-style-type: none"><li>III. Directors comments</li><li>IV. Secretary's report</li><li>V. Public comment</li><li>VI. Future agenda items. Next meeting June 10, 2021</li><li>VII. Adjournment</li></ol>

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