Today’s Agenda

- Introductions and Overview
- DWR Update
- RAC Activities and Materials
- Implementation Grant Update
- Governance
- Regulatory Activity Update
- Next Steps
- Public Comment
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Regional Advisory Committee Purpose

- Represent the broad interests and perspectives in the region
- Assist in the completion of the Merced Integrated Regional Water Management Plan (IRWM) Plan
- Encourage cooperative planning among various aspects of water resources management in the Merced Region
- Review regional water management issues and needs, goals and objectives, plans and projects, and future funding and governance
- Advise the Regional Water Management Group (RWMG) and the governing bodies on these topics
RAC Ground Rules

✓ Civility is required.
  ✓ Treat one another with courtesy.
  ✓ Respect the personal integrity, values, motivations, and intentions of each member.
  ✓ Be honest, fair, and as candid as possible.
  ✓ Participate with an open mind and respect for other’s interests.
  ✓ Personal attacks and stereotyping will not be tolerated.

✓ Creativity is encouraged.
  ✓ Think outside the box and welcome new ideas.
  ✓ Build on the ideas of others to improve results.
  ✓ Disagreements will be treated as problems to be solved rather than battles to be won.

✓ Efficiency is important.
  ✓ Participate fully, without distractions.
  ✓ Respect time constraints and be succinct.
  ✓ Let one person speak at a time.

✓ Constructiveness is essential.
  ✓ Take responsibility for the group as a whole and ask for what you need.
  ✓ Enter commitments honestly, and keep them.
  ✓ Delay will not be employed as a tactic to avoid an undesired result.
Project Schedule

Governing Bodies
- Appoint RAC

Public Workshops
- Major RAC Topics

Technical Workshops
- Start-up, Goals & Objectives

Major RAC Topics
- Project Solicitation
- Project Evaluation & Prioritization
- Implementation Plan
- Draft & Final IRWM Plan

Grant Application
- Runner-up Projects
- Governance
- Performance Measures
- Impacts & Benefits
- Finance & Implement

Resource Management Strategies
- Goals & Objectives
- Project Solicitation Process
- Prioritized Projects

Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun 2012 2013
Where have we been, and where are we going?

- Region Description (and Tech Studies) & Key Issues
- Goals and Objectives, Performance Measures
- Call for Projects & Prioritization / Review Process
- Draft IRWM Plan
- Impacts and Benefits
- Data Management, Plan Performance and Monitoring
- Financing

Governance, Public and Stakeholder Outreach, Coordination
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Sending notes from RAC Meeting #10 and the Finance TM after this meeting

Please provide comments by Tuesday April 16, 2013
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Implementation Grant Projects
Proposal Goals and Objectives

- Address the highest priority objectives of the MIRWMP while distributing benefits to DACs throughout the region and maximizing statewide benefits.
  - Address the objectives of the MIRWMP with an emphasis on the highest priority objectives
  - Ensure an equitable distribution of benefits throughout the Merced Region
  - Address DAC needs
  - Provide statewide benefits
<table>
<thead>
<tr>
<th>Project</th>
<th>Benefit Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Water Supply</strong></td>
<td></td>
</tr>
<tr>
<td>Planada Community Service District</td>
<td>100 AFY decreased water use through water demand reduction and decreased water distribution conveyance losses</td>
</tr>
<tr>
<td>Water Conservation Project</td>
<td></td>
</tr>
<tr>
<td>El Nido Area Recharge Project</td>
<td>4,489 AFY of increased water deliveries</td>
</tr>
<tr>
<td></td>
<td>3,501 AFY of reduced groundwater pumping</td>
</tr>
<tr>
<td><strong>Water Quality</strong></td>
<td></td>
</tr>
<tr>
<td>El Nido Area Recharge Project</td>
<td>Reduction in groundwater nitrate concentration, which averages 15.7 mg/L, through recharge of surface water with nitrates &lt;2 mg/L</td>
</tr>
<tr>
<td><strong>Flood Damage Reduction</strong></td>
<td></td>
</tr>
<tr>
<td>Black Rascal Flood Control Project</td>
<td>Avoided flood damage to 300 residences and agricultural lands during a 200-year event</td>
</tr>
<tr>
<td>El Nido Area Recharge Project</td>
<td>Reduction of flood flows by 100 cfs</td>
</tr>
</tbody>
</table>
## Summary of Proposal Benefits (2/3)

<table>
<thead>
<tr>
<th>Project</th>
<th>Benefit Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recreational Resources</strong></td>
<td></td>
</tr>
<tr>
<td>Merced River Education and Enhancement Program</td>
<td>137 new recreational visitor days</td>
</tr>
<tr>
<td><strong>Environmental Resources</strong></td>
<td></td>
</tr>
<tr>
<td>Merced River Education and Enhancement Program</td>
<td>Removal of invasive species (e.g. water hyacinth, arundo and star thistle) at 2 locations along the Merced River</td>
</tr>
<tr>
<td></td>
<td>Habitat restoration at 2 demonstration sites covering a total of 5 acres</td>
</tr>
<tr>
<td></td>
<td>Retirement of 2 acres of agriculture to enhance wildlife habitat</td>
</tr>
</tbody>
</table>
### Project Benefit Summary

<table>
<thead>
<tr>
<th>Project</th>
<th>Benefit Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy</strong></td>
<td></td>
</tr>
<tr>
<td>El Nido Area Recharge Project</td>
<td>15,773 MT of carbon dioxide ($CO_2$) emissions avoided</td>
</tr>
<tr>
<td><strong>Other Physical Benefits</strong></td>
<td></td>
</tr>
<tr>
<td>Planada Community Service District</td>
<td>Increase in minimum distribution system pressure to 20 psi</td>
</tr>
<tr>
<td>Water Conservation Project</td>
<td></td>
</tr>
<tr>
<td><strong>Merced River Education and</strong></td>
<td>1 life saved every 10 years due to river recreation safety improvements</td>
</tr>
<tr>
<td><strong>Enhancement Program</strong></td>
<td>Reduction of 2 emergency responses per year to rescue people in the river</td>
</tr>
</tbody>
</table>
Implementation Grant Schedule

Milestones

✓ Application provided to DWR Friday March 29
✓ Available for download from the Merced IRWMP webpage
   (www.mercedirwmp.org)
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Governance Discussion Objectives

- Review and discuss what we have agreed upon
- Identify next steps to completing governance discussions
- Implement new governance structure following Plan completion and adoption
IRWM Program Governance Structure

City of Merced Council
Merced County Board of Supervisors
Merced Irrigation District Board of Directors
City of Livingston Council
City of Atwater Council

Policy Committee
Management Committee

Policy Liaisons
- Regional Advisory Committee Rep.
- Community Service Districts Rep.
- Ag Water Districts Rep.

Regional Water Management Group

Work Groups
Regional Advisory Committee

20
IRWM Program Governance Structure

- **Meeting Frequency:** Quarterly
- **Topics:** Plan updates / revisions, grant applications, water resources education series
- **Costs:** Staff time to plan and attend meetings, reserve rooms, etc
- **Membership:** To be determined; existing members encouraged to reapply for continuity, but not obligated
- **Responsibilities:** Represent key interest areas in IRWM decision-making

**Management Group**
- Work Groups
- Regional Advisory Committee

**Policy Liaisons**
- Regional Advisory Committee Rep.
- Community Service Districts Rep.
- Ag Water Districts Rep.
IRWM Program Governance Structure

- **Meeting Frequency:** Once per month or as needed
- **Topics:** Program status & coordination
- **Membership:** Staff from each RWMG member
- **Responsibilities:** Handle day-to-day IRWM business and coordination

**Policy Liaisons**
- Regional Advisory Committee Rep.
- Community Service Districts Rep.
- Ag Water Districts Rep.

**Regional Water Management Group**

- Management Committee
- Work Groups
- Regional Advisory Committee
- **Meeting Frequency**: Twice per year or as needed
- **Topics**: Program status / key decisions
- **Membership**: One member from each RWMG Board / Council
- **Responsibilities**: Represent RWMG interests in IRWM planning; communicate back to RWMG members; make key policy decisions
- **Other Attendees**: Mgmt committee reps, Liaisons from key groups including RAC, Water Districts, etc
- **Other Attendees’ Role**: Ensure broad interests of the region are represented in RWMG
IRWM Program Governance Structure

- **Meeting Frequency:** As needed to carry out charge
- **Topics:** Program development / planning; data mgmt / information tracking; groundwater mgmt (MAGPI); flood mgmt (Streams Group)
- **Membership:** Recommended by RAC and approved by RWMG
- **Responsibilities:** Assigned as needed to address specific IRWM planning needs

**Policy Liaisons**
- Regional Advisory Committee Rep.
- Community Service Districts Rep.
- Ag Water Districts Rep.

**Regional Water Management Group**

**Committee**

**Work Groups**

**Regional Advisory Committee**
Next Steps: Convene Governance Workgroup

✓ Meet between now and April 23 meeting
  ✓ 1-2 meetings
  ✓ In-person or conference call
✓ Address key issues / questions
  ✓ How will RAC membership be developed?
  ✓ What voting rules will be implemented?
  ✓ What standing workgroups should be assigned?
✓ Volunteers?
  ✓ 5-6 representative participants
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## Schedule for Completing Draft IRWM Plan

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 20</td>
<td>Draft IRWM Plan circulated for RAC review</td>
</tr>
<tr>
<td>May 21 – June 3</td>
<td>RAC reviews Draft IRWM Plan</td>
</tr>
<tr>
<td>June 4</td>
<td>RAC comments on Draft IRWM Plan due to RMC</td>
</tr>
<tr>
<td>June 5 – June 17</td>
<td>RMC addresses RAC comments on Draft IRWM Plan and prepares Public Draft IRWM Plan</td>
</tr>
<tr>
<td>June 18</td>
<td>RMC publishes Public Draft IRWM Plan</td>
</tr>
<tr>
<td>June 18 – July 19</td>
<td>Public review period for Public Draft IRWM Plan</td>
</tr>
<tr>
<td>June 25</td>
<td>RAC meeting; discuss Public Draft IRWM Plan</td>
</tr>
<tr>
<td>June 25</td>
<td>Public meeting; discuss Public Draft IRWM Plan</td>
</tr>
<tr>
<td>July 19</td>
<td>Public comment period closes</td>
</tr>
<tr>
<td>Aug 5</td>
<td>Final IRWM Plan submitted by RMC</td>
</tr>
<tr>
<td>August / September</td>
<td>Adoption Hearings (City, County, and MID)</td>
</tr>
</tbody>
</table>
Next Steps

✓ Comments on Finance TM to comments@mercedirwmp.org by April 16, 2013
✓ HydroDMS live on April 15, 2013
✓ Next Meeting: April 23, 2013 from 2:00 pm – 5:00 pm
✓ Topics for Next Meeting
  ✓ Governance
  ✓ Draft IRWM Plan
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Contacts

✓ **Merced RWMG Work Plan Management Committee**
  ✓ Merced Irrigation District- Hicham Eltal: heltal@mercedid.org
  ✓ County of Merced- Ron Rowe: rrowe@co.merced.ca.us
  ✓ City of Merced- Michael Wegley: wegleym@cityofmerced.org

✓ **Consultants**
  ✓ Ali Taghavi: ataghavi@rmcwater.com
  ✓ Alyson Watson: awatson@rmcwater.com
  ✓ Emmalynne Roy: eroy@rmcwater.com
  ✓ Charles Gardiner: dgardiner25@gmail.com