East Bay Plain Subbasin

Sustainable Groundwater Management Act (SGMA) Stakeholders Meeting

February 27, 2018

Hayward City Hall
Agenda

- Welcome and Introductions
- Groundwater Activities in Hayward
- SGMA Compliance Updates
- Groundwater Sustainability Plan Development
- Stakeholder Communication and Engagement
- Questions and Comments
- Next Steps
GROUNDWATER ACTIVITIES IN HAYWARD
History of Groundwater in Hayward

- Relied on groundwater for over a century as a substantial part of our water supply
- Five emergency wells
- Recent activities:
  - EBMUD Groundwater Management Plan for South East Bay Plain Basin
  - Monitoring groundwater conditions
Relevance of SGMA to Hayward

- Medium-priority groundwater basins
  - East Bay Plain Basin
  - Niles Cone Basin
- Sustainable management of groundwater
- Opportunities to diversify water supplies
SGMA COMPLIANCE UPDATES
GROUNDWATER SUSTAINABILITY
PLAN DEVELOPMENT
Sustainable Groundwater Management Plan

• Required for high- and medium-priority groundwater basins

• SGMA:
  – Establishes definition of “sustainable groundwater management”
  – Provides timetable for adoption
  – Defines basic requirements

• Prevention of Undesirable Results
GSP Phases

Phase 1
GSA Formation and Coordination

Phase 2
GSP Preparation and Submission

Phase 3
GSP Review and Evaluation

Phase 4
Implementation and Reporting
Key Elements of a GSP

- Description of basin setting and aquifer
- Sustainability indicators, baseline conditions and objectives
- Groundwater Sustainability Plan
- Projects and management actions
- Monitoring plan
Overview of GSP Development Process

1. East Bay Plain Subbasin GSP Development
   - Develop East Bay Plain Groundwater Model (EBPGM)
     - Conduct Data Syntheses & Analysis
     - Conceptual Hydrogeologic Model Development
     - Construct, Calibrate and perform uncertainty analysis of the EBPGM
     - Develop and Analyze Baseline Scenario and Alternative Management Scenarios for the Subbasin

2. Preparation of the Plan Components as per GSP Regulations CCR §350-§357.4
   - Plan Area & Subbasin Setting
   - Sustainable Management Criteria
   - Projects and Management Actions Development

3. Draft GSP
   - DWR Review and Public Comment
   - Finalize GSP
   - GSP Implementation
### Consultant Procurement Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Target Date</th>
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<tr>
<td>Issue Request for Proposals</td>
<td>Mid-April</td>
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<tr>
<td>Pre-bid informational meeting</td>
<td>May</td>
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<tr>
<td>Proposals due</td>
<td>June</td>
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<tr>
<td>Consultant selection</td>
<td>July</td>
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<td>Award contract</td>
<td>August</td>
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Stakeholder Communication and Engagement (C&E)
Purpose of the C&E Plan is to:

- Consider interests of all beneficial uses and users of groundwater
- Conduct a communication and engagement process and document the opportunities for public engagement
- Document active involvement of diverse social, cultural, and economic elements of the population within the basin

Goal is to tap into expertise of stakeholders to use best available information and science
Who are the stakeholders?

- General Public
- Holders of overlying groundwater rights*
- Municipal well operators*
- Public water systems*
- Local land use planning agencies*
- Environmental users of groundwater*
- Surface water users**
- Federal government*
- California Native American tribes*, and
- Disadvantaged communities*

*SGMA (Section 10723.2)
** if there is a hydrologic connection
C&E Plan Objectives

• To explain the GSAs’ decision-making process
• To identify opportunities for public engagement
• To discuss how public input and response will be used
• To encourage the active involvement of diverse social, cultural, and economic elements of the population within the basin
• To outline the methods the GSAs will use to inform the public about progress in implementing the Plan, including the status of projects and actions
Collaborative Decision Making Process

EBMUD Board of Directors

City of Hayward City Council

Steering Committee

Technical Team

Consultants

Interested Parties

Technical Advisory Committee

Inter-basin Working Group

Stakeholders
### Preliminary East Bay Plain Subbasin Stakeholder Communication & Outreach Plan Implementation

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<th>Task Name</th>
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<th>2019</th>
<th>2020</th>
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**Note:** Individual meeting date will be finalized prior to each meeting.
Technical Advisory Committee

• Stakeholders in the Basin with:
  – Relevant technical background
  – Broad range of interests - environmental, science, academic, technical and other fields, as well as diversity in perspectives

• Role and responsibilities
  – Review technical work products
  – Provide comments and recommendations to GSAs

• Commitment from TAC members
  – Collaboration and cooperation
  – Regular meeting attendance
  – Review and comment on documents within established deadlines
TAC Formation Process

- Statement of interest and qualifications
  - Description of interest in TAC participation
  - Description of qualifications
  - Availability
- Recommendation to Steering Committee for final selection
- Orientation session to review the mission, objectives, ground rules and decision-making process
# TAC Formation Preliminary Timeline

<table>
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<tr>
<th>Milestone</th>
<th>Target Date</th>
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<tbody>
<tr>
<td>Submit statements of interest and qualifications</td>
<td>April 30</td>
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<tr>
<td>Committee selection</td>
<td>May</td>
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<tr>
<td>Orientation</td>
<td>June</td>
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<tr>
<td>Kickoff TAC Meeting</td>
<td>August</td>
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Questions and Comments
Next Steps

▪ Execute cooperating agreement
▪ Execute grant agreement with DWR
▪ Complete consultant procurement
▪ Form Technical Advisory Committee
▪ Initiate GSP Development
▪ Continue Communication and Engagement Plan Implementation
For more information...

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