



Groundwater Management Plan for City of East Palo Alto



Iris Priestaf, PhD
President

TODD 
GROUNDWATER

Background



2010 Urban Water Management Plan and Water Master Plan

- Water supplies are not adequate
- Groundwater development is a practical alternative

2012 Groundwater Feasibility Study

- Develop a groundwater management plan
- Initiate monitoring of groundwater levels + quality
- Reactivate Gloria Way Well
- Proceed with groundwater exploration



Groundwater Management Planning

- Water Code 10753.5 permits groundwater management
- City of East Palo Alto is an authorized local water agency
- Overlies part of the San Mateo Plain Subbasin (No. 2-9.03)
- Initiated GWMP process on October 21, 2014



A Public Process

- Outreach to agencies, public and stakeholders
- Hearings and notices
- Three workshops
- Website documentation
- Draft GWMP distribution for commentary



General

The City completed the Glona Way Water Well Production Alternatives Analysis and Water Security Feasibility Study in November 2012, which recommended that the City to: (i) move forward with design of a manganese removal treatment system for the existing Glona Way Well; (ii) further evaluate and test for additional potential well sites; and (iii) develop a groundwater management and monitoring plan.

The City intends to reactivate Glona Way Well upon construction of a well head treatment facility to address removal of manganese, a secondary drinking water contaminant. As part of the reactivation process, State law requires the City to adopt a Groundwater Management Plan. The development of the Groundwater Management Plan is a collaborative and open process. A copy of the Stakeholder Outreach Plan can be found in the link below.

Stakeholder Outreach Plan

1st Workshop

- Invitation Letter to Stakeholder
- Invitation Letter to Citizens Advisory Panel
- Invitation Letter to Agencies
- Agenda
- Presentation
- Handouts
- Workshop Summary

2nd Workshop

- Announcement
- Agenda
- Presentation
- Handouts
- Workshop Summary

3rd Workshop

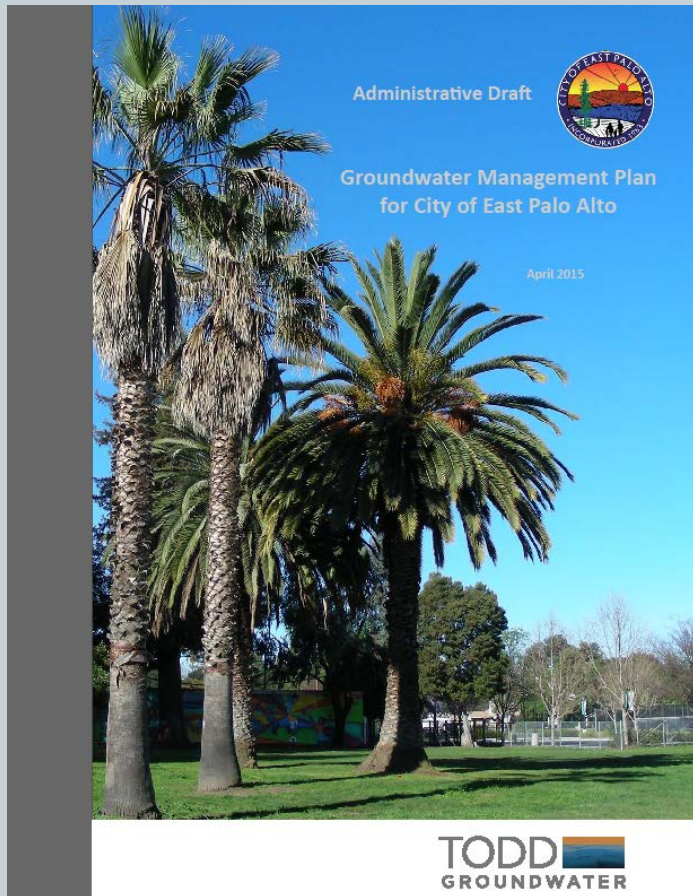
- Announcement
- Draft GWMP
- Draft GWMP Appendices
- Agenda
- Presentation
- Handouts
- Workshop Summary

Groundwater Management Plan

- GWMP
- GWMP Appendices



Groundwater Management Plan



GWMP documents:

- ✓ management context
- ✓ physical setting
- ✓ groundwater conditions
- ✓ goals and issues
- ✓ management objectives
- ✓ actions
- ✓ implementation
- ✓ planning process
- ✓ monitoring program

Basin Management Objectives



- 1. Maintain acceptable groundwater levels**
- 2. Avoid subsidence**
- 3. Protect groundwater quality**
- 4. Integrate groundwater/surface water management**
- 5. Improve understanding of groundwater system**
- 6. Promote regional management**

Management Plan Components



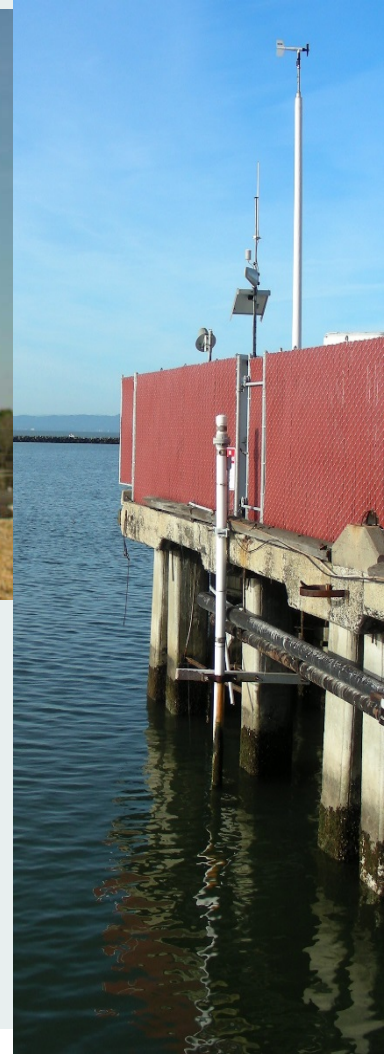
- **Stakeholder Involvement**
- **Monitoring Program**
- **Groundwater Sustainability**
- **Groundwater Protection**
- **Coordinated Planning and Management**

Monitoring Program

- Groundwater levels, quality, pumping
- Surface water data
- Climate data
- Land subsidence
- Tidal data



- Data management
- Data analysis
- Reporting



Sustainability, Protection, Coordination



- Proceed with Gloria Way and Pad D wells
- Collaborate for replenishment + conservation
- Protect groundwater quality
- Coordinate with planning agencies
- Collaborate for regional planning



Thank you

