Focus for Master Plan/Urban Water Management Plan has been on supply wells and local conditions.

Discovery Bay and Groundwater Source of Supply
2014 Sustainable Groundwater Management Act (SGMA)

2014 Legislation requires management and planning on a groundwater basin/subbasin scale

Tracy Subbasin
1. Requires certain basins to operate under a Groundwater Sustainability Plan (GSP) by 2020 or 2022
   - TODB is within Tracy Subbasin
   - Tracy Subbasin ranked Medium Priority and is required to prepare a GSP

2. TODB should either engage with or form a Groundwater Sustainability Agency (GSA)

3. Guidelines for GSAs and GSPs developed by Department of Water Resources
Other Requirements under SGMA

SGMA also requires **Inter-basin** coordination.

Tracy Subbasin is connected to three High Priority and two Critically Overdrafted subbasins.
SGMA Requires Development of a Water Budget with GSP

Water budget accounts for water inputs and outputs affecting groundwater in storage.

Declining Storage = Overdraft
If Overdrafted, groundwater will be allocated **below** historic levels.
Will groundwater be sustainable over 50-year planning and implementation horizon?
10726.4. ADDITIONAL AUTHORITIES OF GSA

(a) A groundwater sustainability agency shall have the following additional authority and may regulate groundwater extraction using that authority:

(1) To impose spacing requirements on new groundwater well construction...

(2) To control groundwater extractions by regulating, limiting, or suspending extractions from individual groundwater wells or extractions from groundwater wells in the aggregate...

(3) To authorize temporary and permanent transfers of groundwater extraction allocations within the agency’s boundaries...

(4) To establish accounting rules to allow unused groundwater extraction allocations issued by the agency to be carried over from one year to another...
Qualifying Local Agencies

Tracy Subbasin - East Contra Costa County

- Town of Discovery Bay
- City of Brentwood
- Small community systems
- Other private Ag and Domestic pumpers
- Diablo Water District
- Byron Bethany Irrigation District
- East Contra Costa Irrigation District
- Contra Costa County
- City of Antioch
Tracy Subbasin and Subareas
Boundaries and Coordination Issues

Contra Costa County
East County
No Adverse Conditions + History of Coordination and Sustainability

San Joaquin County
Central Delta
No groundwater use

San Joaquin County
Tracy Area
WQ Impacts + next to overdrafted basins
Current Planning Issue
GSA Formation

East Contra Costa County Water Agencies as a GSA

San Joaquin County + Agencies in southern Tracy Subbasin + Agencies in Delta-Mendota Subbasin
GSA Formation and GSP Implementation

By June 30, 2017,

- Either one local agency must be the GSA for the entire basin;
- Or a collection of agencies must form a single GSA or enter into agreements to collectively prepare GSPs for the entire basin, or
- Or some alternative arrangement is approved.

WC 10735.2(a)(1)

By January 31, 2022,

- All basins designated as high- or medium-priority basins that are not subject to critical conditions of overdraft shall be managed under a GSP or coordinated GSPs.

WC 10720.7
Current Groundwater Conditions