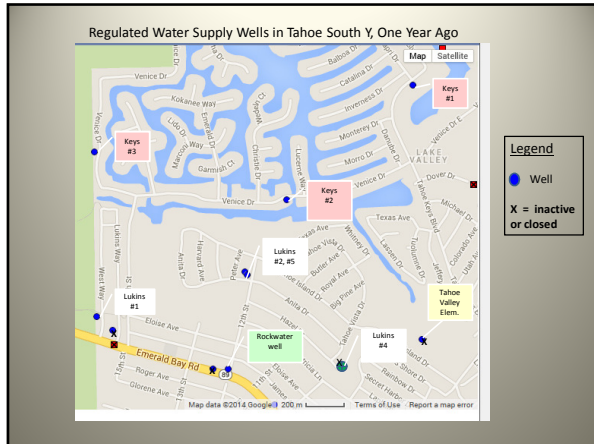
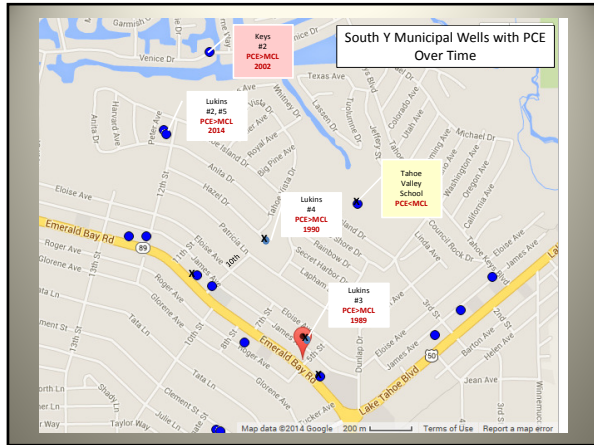
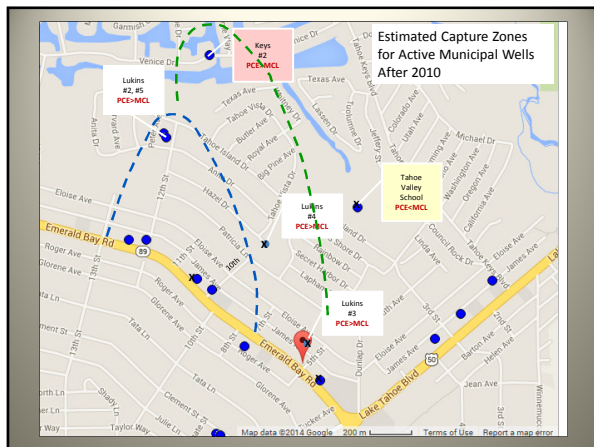
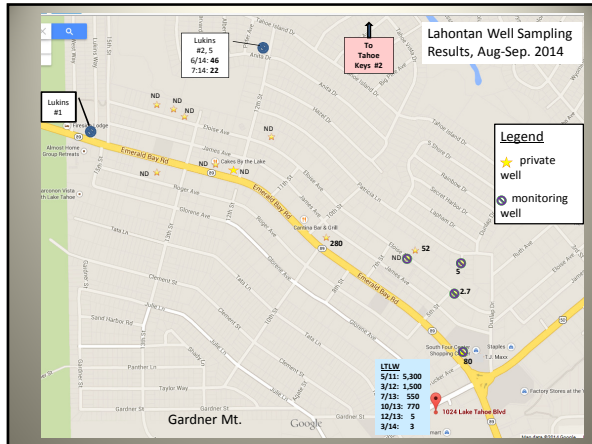


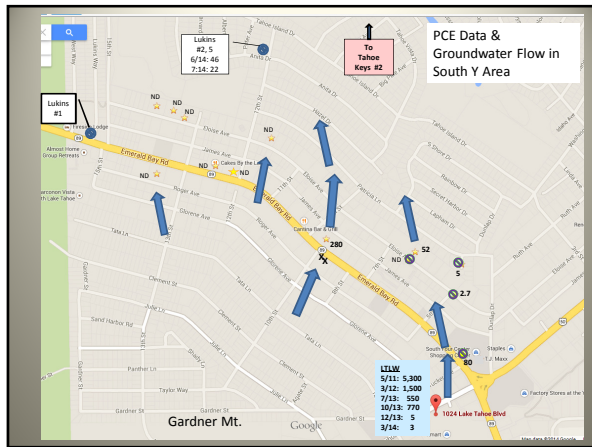
Attachment 1



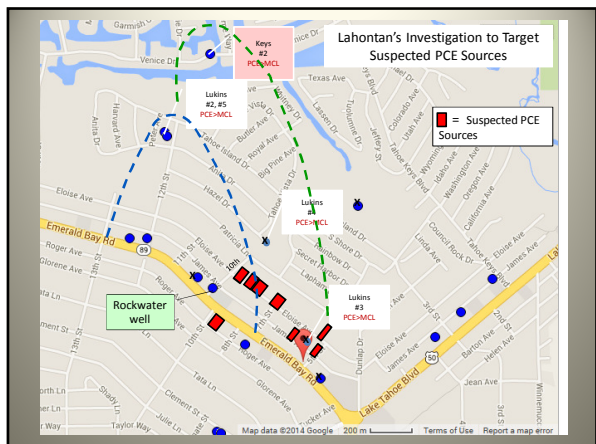








- Lahontan Water Board's PCE Plans for 2015**
1. Require alternate water supply for Eloise residence (should be completed by mid-May)
 2. Apply for Emergency CAA for PCE groundwater investigation -- approved for \$125,000
 3. Contract with a consultant for PCE investigation – in progress
 4. Conduct PCE groundwater investigation – late spring
 5. Using investigation results, issue 13267 orders to suspected PCE source(s) for future investigations – late summer



Groundwater Funding Programs

Grants:
 Proposition 1 Groundwater Sustainability
 Senate Bill 445 Site Cleanup Subaccount Program
 El Dorado County Water Agency

Loans:
 Proposition 1 Groundwater Sustainability

Grant/Loan split for Prop 1 not established to date

Lynn Nolan, Grants Coordinator
 TVS Basin (6-5-01)
 Stakeholders Advisory Group Workshop
 April 22, 2015



Proposition 1 Groundwater Sustainability Program (Assembly Bill 1471, Chapter 10) - \$900 Million

Eligible Applicants

- Public Agencies, Tribes, Public Utilities, Non-Profits, Mutual Water Companies

Eligible Projects

- “Prevent or Clean Up Contamination of Groundwater that serves or has served as a source of Drinking Water”

Priorities based on:

- Threat posed by groundwater contamination to drinking water supply
- Potential for groundwater contamination to spread/impair
- Potential of project to enhance local water supply reliability
- Projects with no viable responsible party (ies)

Proposition 1 Groundwater Sustainability Program (Assembly Bill 1471, Chapter 10) - \$900 Million

Chapter 10 Funding Allotment	Groundwater Sustainability	Responsible Agency
\$800 Million	Prevent/Clean up contamination of groundwater that serves as drinking water	State Water Board
(\$80 Million of above)	Treatment and Remediation	
\$100 Million	Develop and Implement groundwater plans (including GSPs) and projects **At least 10% to projects serving severely Disadvantaged Communities **At least 50% cost share that can be reduced/waived for disadvantaged communities or economically distressed areas	Department of Water Resources

Proposition 1
Groundwater Sustainability Program
 (Assembly Bill 1471, Chapter 10) - \$900 Million

Contaminants include, but are not limited to:

Nitrates, perchlorate, MTBE (methyl tertiary butyl ether), arsenic, selenium, hexavalent chromium, mercury, PCE (perchloroethylene), TCE (trichloroethylene), DCE (dichloroethene), DCA (dichloroethane), 1,2,3-TCP (trichloropropane), carbon tetrachloride, 1,4-dioxane, 1,4-dioxacyclohexane, nitrosodimethylamine, bromide, iron, manganese, and uranium

Both natural and human made contaminants

Proposition 1
Groundwater Sustainability Program
Timeline/Process

Timeline (estimates)

- Draft Guidelines – April 2016
- Public Workshops – May 2016
- Board Consideration – July/August 2016
- Final Guidelines – August 2016
- First Round - Solicitation/Review– Fall/ Winter 2016/17
- First Round Grant Agreements– 2017

Proposed Application Process

- Pre-application questionnaire through on-line Financial Assistance Application Submittal Tool (FAAST): <https://faast.waterboards.ca.gov>
- Technical assistance providers may be available for disadvantaged communities

Senate Bill 445
Site Cleanup Subaccount
 \$19.5 Million Anticipated FY 2015/2016

Funding

- Fee on fuel storage

Eligible Projects

- Identify source of surface or groundwater contamination
- Remediate harm or threat to human health, safety, and the environment from surface or groundwater contamination

Eligible Applicants: Applicants w/eligible projects

5 Considerations:

- Significant Threat to Human Health or the Environment
- Disadvantaged or Small Community Impact
- Cost and Environmental Benefit of Investigation/Cleanup
- Availability of Alternate Funding Source(s)
- Other Board Considerations

Senate Bill 445
Site Cleanup Subaccount

Requirements:

- Regulatory agency has issued a directive – unless infeasible prior to grant issuance
- Responsible Party lacks sufficient financial resources to implement required response

Process Development – 2015/16

- Develop application process
- Public workshops
- Solicitation/Review applications
- Board adopts annual project list
- Issue grant agreements

Coordinated with Proposition 1 Groundwater Sustainability

El Dorado County Water Agency
2015-16 Grant Funding Request

Pending Applications:

- Establish Groundwater Sustainability Agency
\$15,000
- South Y Groundwater Investigation
\$80,000
- Groundwater Model Update
\$50,000

Grant announcements will be made in June 2015

Impaired/Contaminated Well Funding

State Water Resources Control Board Drinking Water State Revolving Fund

- Low Interest Loans to Public Water Agencies
- Currently at approximately 1.6%

South Tahoe Public Utility District

- Board of Director's instructed staff to set up ordinance for contaminated wells to hook up to District's water system on financing terms to be determined
- Loans for Water Capacity Charges only

What is Groundwater Management?

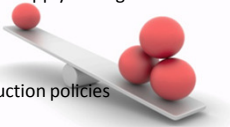
Some Things Haven't Changed

- Existing Groundwater Management Plans (GWMPs) under AB3030/SB1938 (Water Code §10753, et seq):
 - Plans grounded in science-based understanding of basin hydrology; include maps of basin & recharge areas
 - Focus typically on recharge enhancement, monitoring, conservation and wellhead protection
 - Include Basin Management Objectives (BMOs)
 - Makes basin eligible for state water funds
- 2014 : District GWMP updated to comply with regulatory requirements.
- Existing GWMP will form the foundation for SGMA



Groundwater Management Still About Balancing Supply and Demand

- Supply
 - Can be increased through Recharge or supplemented with surface water
 - Conjunctive Use - manage with surface water supplies to increase groundwater sustainability
 - Source Water Protection – maintain supply through actions to protect drinking water sources
- Demand
 - Water conservation and efficiency
 - Land use planning and well construction policies
 - Limiting groundwater use



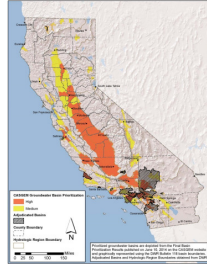
Groundwater Management Under SGMA: Many Things Have Changed (as of January 1, 2015)

- Groundwater management no longer voluntary
- GWMPs evolving to Groundwater Sustainability Plans (GSPs)
 - GSPs must contain measurable objectives that will reach sustainability goal within 20 years of implementation
 - State will now review whether local GSPs achieve sustainability
- SGMA significantly expands groundwater management authority of local agencies acting as Groundwater Sustainability Agencies (GSAs)
- State intervention in basin management now possible



High-Priority and Medium-Priority Basins

- Basin priority designated by DWR (CASGEM June 2014 prioritization)
- Criteria include population, groundwater reliance, well density, irrigated acreage, impaired sources, etc.
- Statewide 127 of 515 basins are high- or medium-priority basins
- Implementation in low-priority basins is voluntary, but encouraged



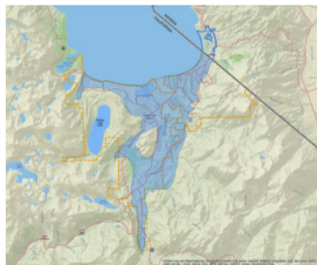
Important Exceptions

- GSP requirement does not apply in adjudicated basins
- Specific agencies identified in statute as exclusive GSA in some basins
 - These agencies may opt out
- Local agencies may petition DWR to use an existing groundwater plan as an “Alternative Plan” if it satisfies the objectives of SGMA (§ 10733.6)
 - Must be submitted to DWR by January 1, 2017 and every 5 years thereafter
 - Must demonstrate sustainable management over a period of at least 10 years



Tahoe Valley South Groundwater Basin (6-5.01)

- The TVS Basin (6-5.01) is a **medium-priority** basin within the District’s service area.
- DWR basin priority designations are provisional [to be re-evaluated in 2017 & 2020]



The Groundwater Planning Process
Forming Groundwater Sustainability Agencies
(by June 2017)

- Any local agency or combination of agencies overlying basin may elect to be a GSA
- Local agency is any public agency that does at least one of the following:
 - Water supply
 - Water management
 - Land use
- Counties are the default GSA in “unmanaged” areas
- Can be more than one GSA in basin



SUSTAINABLE GROUNDWATER MANAGEMENT ACT OF 2014

New Management Responsibilities Under SGMA

Groundwater Sustainability Agencies (GSAs) are responsible for:

- Conduct public hearings regarding GSP adoption or amendment
- Conduct periodic review and assessment of the GSP and evaluating and responding to changing conditions
- Submittal of annual reports to the Department of Water Resources including
 - Groundwater elevation data
 - Annual aggregated groundwater extraction data
 - Surface water supply used and available for groundwater recharge or in-lieu use
 - Total water use
 - Change in groundwater storage
- Maintaining basin groundwater sustainability



SUSTAINABLE GROUNDWATER MANAGEMENT ACT OF 2014

New Management Authorities Under SGMA

Groundwater Sustainability Agencies (GSAs) are empowered to:

- Conduct studies and investigations
- Register and monitor groundwater wells
- Require reports of groundwater extraction
- Regulate groundwater extractions
- Implement capital projects to meet goals
- Assess fees to cover cost of groundwater management
- Undertake enforcement actions for noncompliance
- Some requirements do not apply to private well owners using less than two acre-feet per year for domestic use



SUSTAINABLE GROUNDWATER MANAGEMENT ACT OF 2014

However, cannot affect or change water rights or water right priorities

The Planning Process is a Public Process

- Public notice and hearing required to designate GSA
- Once established, GSA must consider “all interests of all beneficial uses and users of groundwater” including specific interests listed in §10723.2
 - List includes ag and domestic users, public & private water systems, tribes, environmental users and disadvantaged communities, among others
 - GSA must maintain “interested persons” list
 - Public hearing required to adopt GSP



NEXT STEPS FOR GSA DESIGNATION

Timeframe	Action(s)
April 2015	Reconvene Stakeholders Advisory Group (SAG)
April-May 2015	Develop Resolution for District to serve as the GSA; Prepare Notice of Intent for Public Comment
June 2015	14-Day (minimum) Public Comment Period; Convene Public Hearing
July 2015	Adopt resolution establishing District as GSA; Prepare Notice of Intent and submit to DWR
August – October 2015	DWR posts Notice of Intent for 90-day comment period
November 2015	District assumes role as GSA



Department of Water Resources Role

- Designate basins as high, medium, low or very low priority
- Provide technical assistance
- Review GSPs initially and periodically for compliance with SGMA
 - Multiple plans within a basin must be evaluated collectively
- Evaluate whether a GSP adversely impacts adjacent basin’s ability to achieve sustainability goal



State Water Resources Control Board Role

- May intervene if GSA not formed or fails to adopt and implement compliant GSP by certain dates
- Designate “probationary status” if deficiencies not addressed
- Create interim plan for basin until local GSA is able to assume responsibility
- Probationary status requires a GSA to respond to SWRCB and describe how it intends to rectify deficiencies



QUESTIONS?



TAHOE VALLEY SOUTH GROUNDWATER BASIN (6-5.01)
ANNUAL REPORT REQUIREMENTS

Under Section 10.2 of the TVS Basin (6-5.01) 2014 GWMP

Brief Management Level Summary of Groundwater Management Activities completed during the year containing the following information;

- Summary of monitoring results (levels, water quality, pumping volumes), including a discussion of historical trends;
- Summary of management actions during the period covered by the report;
- Discussion, supported by monitoring results, of whether management actions are achieving progress in meeting BMOs;
- Summary of proposed management actions for the future;
- Summary of any plan component changes, including addition or modification of BMOs, during the period covered by the report; and
- Summary of actions taken to coordinate with other water management and land use agencies, and other government agencies.

Outreach

- Regular Meeting of District Board/Public Meeting (anticipated Dec 3rd or Dec 17th);
- To SAG; and
- Other Interested Parties.

Under SGMA (Section 10728)

On April 1st following adoption of a GSP and annually thereafter, GSA shall submit an Annual Report to DWR including;

- Groundwater Elevation Data
- Annual Aggregated Groundwater Extraction Data for preceding water year (Oct. 1 – Sept 30);
- Surface Water Supply Used or Available for Groundwater Recharge or In-Lieu Use
- Total Water Use
- Change in Groundwater Storage