State Water Resources Control Board Grant Funds for Freeway Well Planning Project

Board of Public Utilities

March 1, 2018

Santa Rosa WATER

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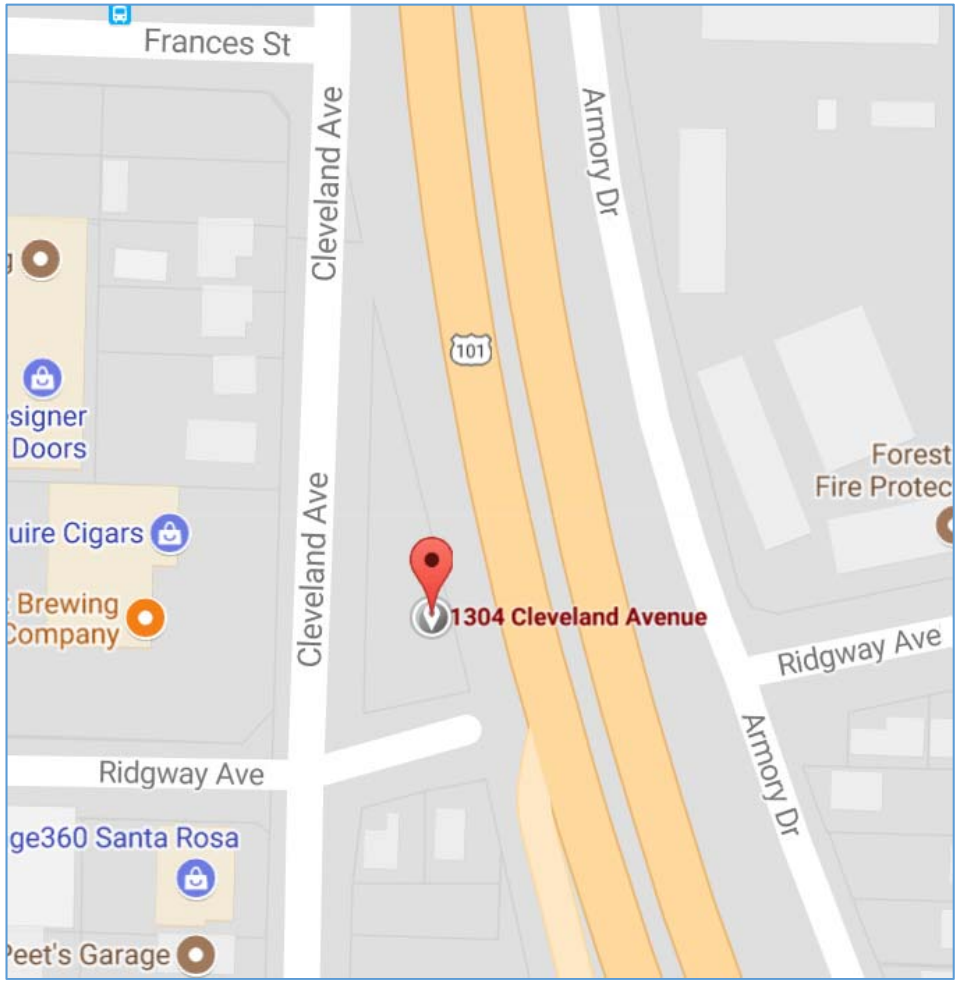
SUMMARY

- Freeway Well served as highly productive potable water supply for almost 30 years (1950s-1980s).
- Routine testing discovered volatile organic compound contamination from offsite.
- As a result, City discontinued using well in 1980s.
- City has wanted to evaluate water quality risks and study alternatives but has not had resources.
- State Water Resources Control Board has agreed to provide grant funding to assist investigation.

BACKGROUND

- Freeway Well was built in 1957 (817 feet deep) at 1304 Cleveland Ave
- Was the City's most productive well (750+ gpm) for nearly 30 years



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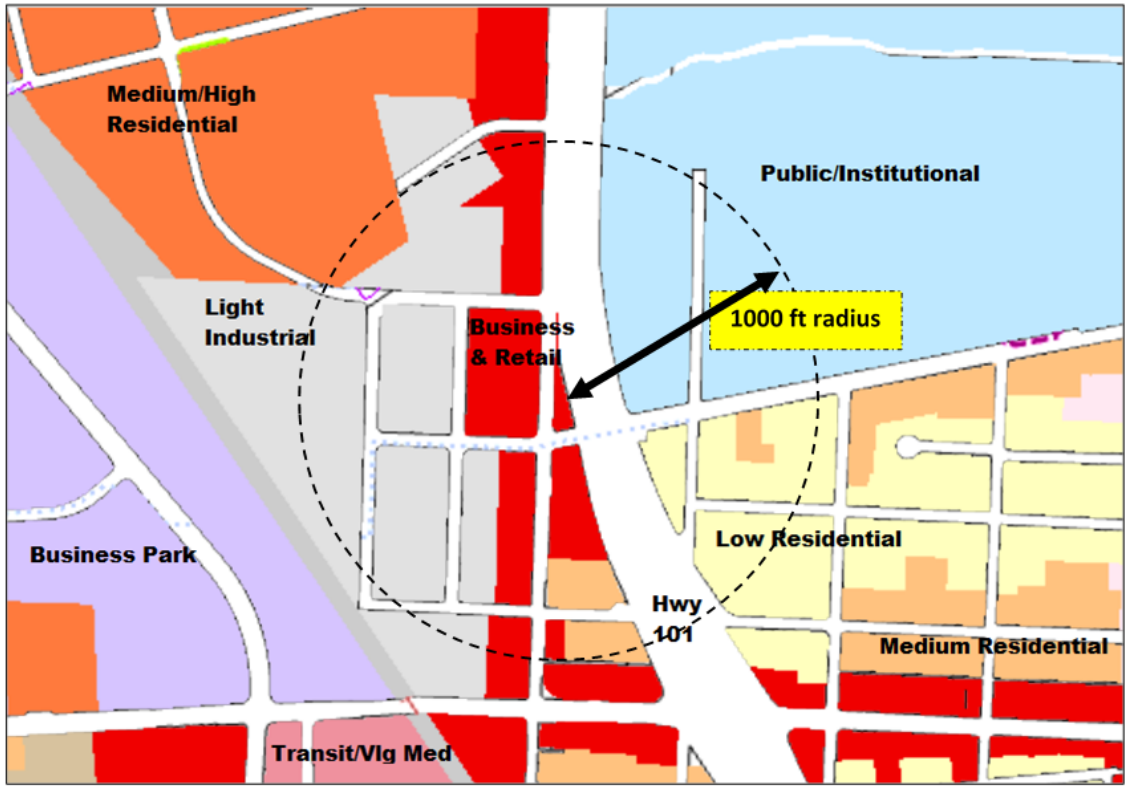
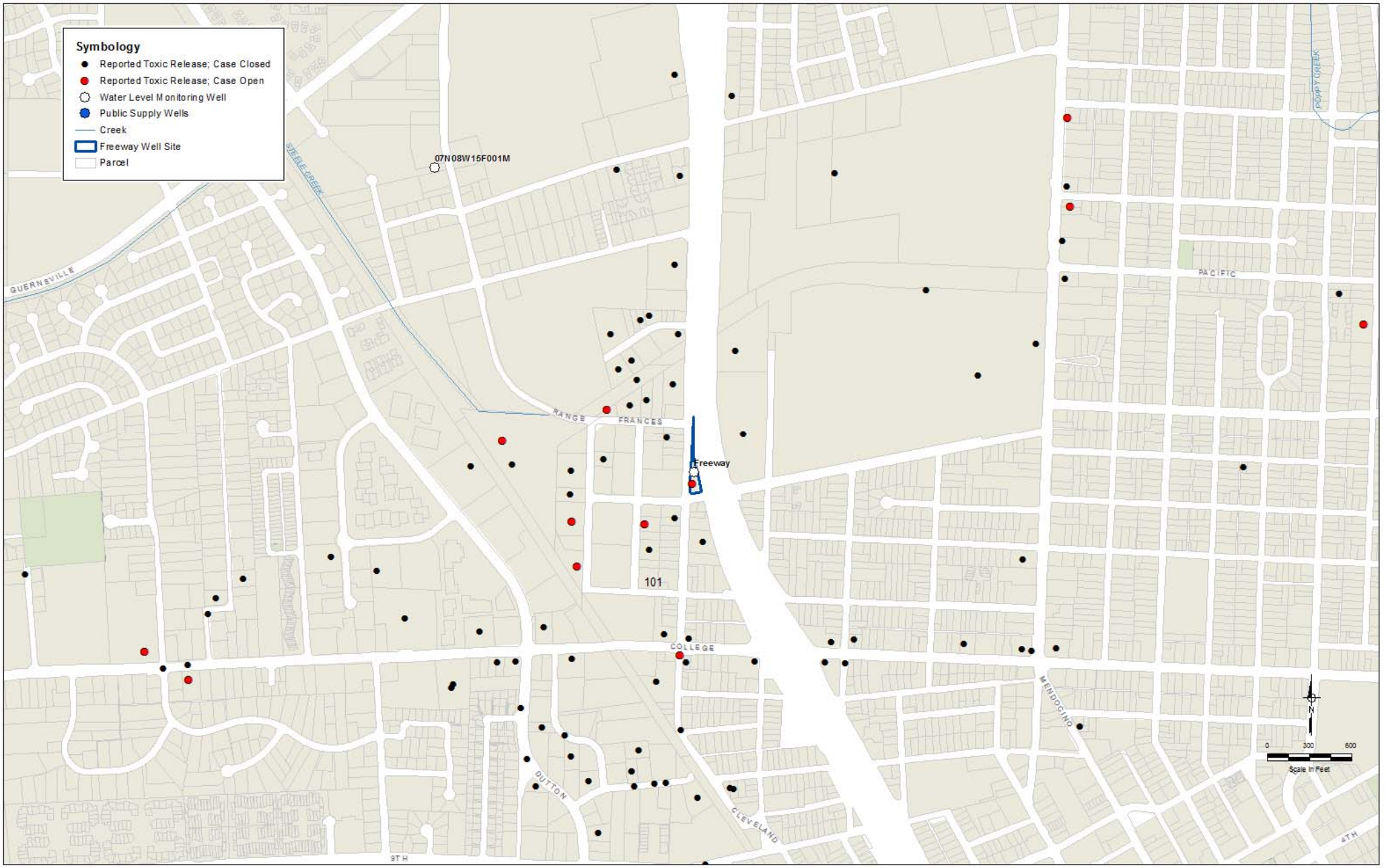
BACKGROUND

- Routine testing revealed volatile organic compounds (VOCs) in 1984
- Production halted.
- Disconnected from City system in 1994.
- Asset has been offline since.

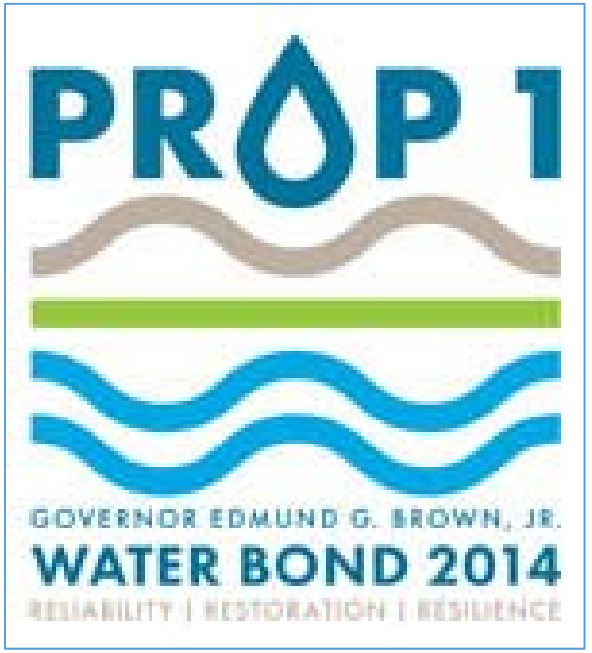


Groundwater Contamination Near Freeway Well



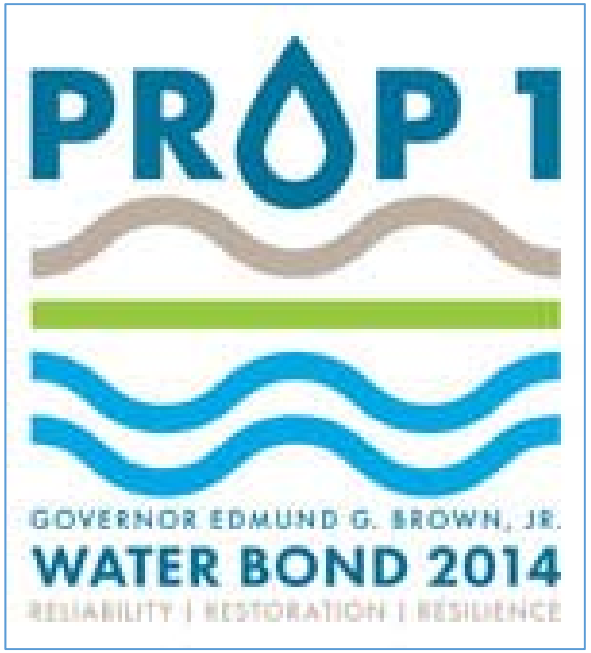
Proposition 1 Groundwater Grant Program

- $800 million for projects that prevent or cleanup contamination of groundwater that serves or has served as a source of drinking water
- $80m for planning & monitoring
- $100k-$1m for per Planning Project
- 50% match (in-kind and/or cash)
- Competitive application process
- Could lead to implementation funding



Proposition 1 Groundwater Grant Program

- Santa Rosa Water submitted pre-application in July 2016.
- SWB invited staff to submit a final application.
- Application submitted Aug. 31st.
- State wishes to negotiate funding agreement to help fund project.



Santa Rosa Water Goals

- Restore critically needed asset
- Establish focused initiative with SWB, RWQCB, and DDW
- More fully characterize groundwater contamination
- Better understand lithology and hydrology
- Provide more data and analysis to develop alternatives for groundwater cleanup / protection

Scope of Work

- **Site Assessment -** records review, data gathering and compellation
- **Site Characterization** - test boring and monitoring well installation, and aquifer test
- **Feasibility Study -** assessing the feasibility of groundwater remediation and treatment
- **Cost estimate**: $977,866
    - 50% grant and 50% local match

Next Steps

- Appoint authorized representative for City
- Negotiate and execute funding agreement with State for 50% of funding for project
- Provide 50% of funding from local match as required
    - Source: Groundwater Supply Program funds (already appropriated)
- Proceed with investigation over 24 months

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RECOMMENDATION

Recommend that City Council, by resolution,

1) Authorize Director of Santa Rosa Water to negotiate and execute grant funding agreement with the State for the Project;
2) Authorize and designate Director of Santa Rosa Water as a City Representative for the Project;
3) Authorize use of existing non-General Funds to match the State Funds being awarded; and
4) Authorize the Chief Financial Officer to increase appropriations in the amount of the grant award.

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Questions?