



Technical Advisory Committee Meeting
Freeway Well Planning Project, Proposition 1 Grant # D1812519
January 6, 2021 from 10:00 am -12:00 pm
Dial-in: 1-707-543-4700, Room Code: 011-0232
Webinar: <https://meet.srcity.org/conference/0110232>

MINUTES

The agenda was routed prior to the meeting and is attached.

1. Welcome/Roll Call – Attendees included the following:

- | | |
|-------------------------------------|---------------------------------------|
| ✓ Bauer, Heidi (RWQCB) | ✓ Huth, Kent (RWQCB) |
| ✓ Close, Colin (City of Santa Rosa) | ✓ Martin, Peter (City of Santa Rosa) |
| ✓ Connell, Jim (West Yost) | ✓ Reeves, Robert (SWRCB) |
| ✓ Dellavalle, Pete (West Yost) | ✓ Rodgers, Andy (West Yost) |
| ✓ Guillot, Robin (SWRCB) | ✓ Schiavone, Joe (City of Santa Rosa) |
| ✓ Homan, Nate (West Yost) | ✓ Tibbals, Jason (City of Santa Rosa) |

2. Review of Draft Remedial Investigation Report

Jim Connell provided an overview of the draft Remedial Investigation report.

3. Discussion of draft Remedial Investigation Report

The State and Regional Board staff asked questions and made comments on the draft Remedial Investigation Report, and City and West Yost staff provided responses. A brief summary is provided here:

- Water Board: What is the depth and location of Union Pacific clean-up site monitoring wells?
 - City/West Yost: This information was provided in the report and appendices.
- Water Board: Has data from those wells been integrated into the remedial investigation?
 - City/West Yost: Yes, to the extent data was available on GeoTracker.
- Water Board: Is data available for the “shallow” wells on the Union Pacific site?
 - City/West Yost: Data is collected by the responsible party twice a year and uploaded to GeoTracker. That data was accessed during the study.
- Water Board: If the City decides to move forward with a well at the Freeway Well site, more investigation would need to be completed to characterize how pumping at the site impacts the plume from the Union Pacific site.
 - City/West Yost: This makes sense.
- Water Board: Did the remedial investigation assess vertical gradients?
 - City/West Yost: Yes, during the aquifer test included a spinner test that indicated water entering the well is from upper aquifers, not the lower aquifer. Upward gradients were not observed.
- Water Board: Were water quality samples taken at discrete levels in Freeway Well?

- City/West Yost: Water quality samples were taken from a spicket in place for collecting water quality samples (above ground). Water quality samples were also taken from each of the three aquifers as isolated in the new monitoring well which was constructed for the study. All results are provided in the report.
- Water Board: Is it possible to modify the existing Freeway Well to limit extraction from only the lowest aquifer (blocking extraction from the upper aquifers)? How productive would the well be if only drawing from the lowest aquifer?
 - City/West Yost: No because the gravel pack is continuous throughout the entire screened area from the uppermost aquifer to the deepest. There is no way to prevent water entering from upper aquifer zones even if screens could be blocked. It's unclear how productive the well would be, even if it were possible to only extract from the lowest aquifer.
- Water Board: How productive would the well be if only drawing from the lowest aquifer?
 - City/West Yost: It's unclear how productive the well would be, even if it were possible to only extract from the lowest aquifer. If a new well were constructed to only extract from the deepest aquifer, it would likely be fairly productive, but it would still have contaminants and it would eventually impact upper aquifers (and risks drawing in contaminants from the upper aquifers) as the aquifers are interconnected in this basin.
- Water Board: The Report finds that the Freeway Well serves as a conduit and should be abandoned. The State concurs. Round Three grant funding will be seeking proposals in approximately July, and the State would welcome the city submitting applying for funds to abandon the well and implementing other solutions identified as feasible in the Feasibility Report.
 - City/West Yost: The City is interested in this opportunity and will keep on alert for more information. The Feasibility Study will need to consider not only the technical feasibility, but also the logistical concerns and impacts of treating groundwater at this site. The City must consider the short- and long-term costs to rate payers compared to clean water sources (staffing hours, staffing licensing/certification requirements, life cycle costs for O&M, toxic waste disposal fees, and so on).
- Water Board: Staff would appreciate receiving the database developed for the records review process to better understand the decision-making process for which data sets were utilized for the study. If that's not possible, it would be useful to have a summary of what is included in the database and more information about the decision-making process.
 - City/West Yost: Any documents that are in the public realm can be shared. Anything that would be protected as proprietary and any documents that are not in the public realm can not be shared. In addition, the Remedial Investigation Report will be augmented with more information about the database contents and decision making contents.
- Water Board: Overall, the report is comprehensive. Regional and State Board staff will provide written comments within approximately 2 weeks.
 - City/West Yost: The final Remedial Investigation Report will be finalized within a few weeks after receiving comments.

4. Review of Schedule and Pending Action Items

Colin Close provided the City's progress report, including the following highlights:

- After the State and Regional Board staff provide comments on the draft Remedial Investigation Report, the final version will be prepared.

- Work on the Feasibility Report has already begun. It will be routed when a draft is prepared (approximately 1-2 months after RI Report is completed).
- The City submitted a formal request for a contract amendment to revise the project schedule (due dates for deliverables).
- The City will continue to work with State Board staff on revising previously submitted invoices as needed.
- The City will continue to submit quarterly reports.

5. Coordinating Virtual Site Visit

Robert Reeves clarified that a virtual site visit will be needed to meet grant funding oversight requirements. The virtual visit should provide Regional and State Board staff with live views of the site and new monitoring well, as well cleanup sites within a few blocks of the site. Robin will provide instructions and recommended platforms for the virtual site. Colin will schedule the virtual site visit and invite those who have not been to the site during well drilling (Robin Guillot, Heidi Bauer, and Kent Huth).

6. Next TAC Meeting

The next TAC meeting will be scheduled for approximately three weeks after the draft Feasibility Report has been provided to State and Regional Board staff (draft anticipated approximately 1-2 months after RI Report is completed).

7. Adjourn

The meeting adjourned at approximately 11:25 am.



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AGENDA

Invitees:

- Bauer, Heidi (RWQCB)
- Close, Colin (City of Santa Rosa, Water)
- Connell, Jim (West Yost)
- Dellavalle, Pete (West Yost)
- Guillot, Robin (SWRCB)
- Gudino, Teresa (City of Santa Rosa, Water)
- Homan, Nate (West Yost)
- Hunt, Craig (RWQCB)
- Huth, Kent (RWQCB)
- Llamas, Tony (City of Santa Rosa, Water)
- Martin, Peter (City of Santa Rosa, Water)
- Rauber, Eric (City of Santa Rosa, Public Works)
- Reeves, Robert (SWRCB)
- Restad, Anthony (City of Santa Rosa, Water)
- Rodgers, Andy (West Yost)
- Schiavone, Joe (City of Santa Rosa, Water)
- Smith, Kira (SWRCB)
- Tibbals, Jason (City of Santa Rosa, Water)

Agenda

1. Welcome/Roll Call – City
2. Review draft Remedial Investigation Report – City & West Yost
3. Discuss draft RI Report - All
4. Review schedule/pending action items – City
5. Coordinate virtual site visit - All
6. Next TAC meeting – All
7. Adjourn