

**AGENDA**  
**Oil and Gas Groundwater Monitoring Update**  
**December 15, 2022**

**Oil & Gas Regional**  
**Groundwater Monitoring Program (RMP)**

10:00-10:10 Introductions/Opening .....(Bill Patzelt)

10:10-11:00 Update on Regional Groundwater Monitoring Activities.....(Matt Landon & Jan Gillespie)

The presentation will include short summaries of the recently published interpretive manuscripts listed below:

- Gillespie and others, 2022. “[Mapping aquifer salinity gradients and effects of oil field produced water disposal using geophysical logs: Elk Hills, Buena Vista, and Coles Levee Oil Fields, San Joaquin Valley, California](#)”
- Flowers and others, 2022. “[Geologic controls on groundwater salinity reversal in North Coles Levee Oil Field, southern San Joaquin Valley, California, USA](#)”
- Zamudio and others, 2022. “[Airborne electromagnetic survey results near the Poso Creek oil field, San Joaquin Valley, California, Fall 2016](#)”
- Terry and others, 2022. “[Geostatistical Mapping of Salinity Conditioned on Borehole Logs, Montebello Oil Field, California. Groundwater](#)”
- Anders and others, 2022. “[Occurrence of water and thermogenic gas from oil-bearing formations in groundwater near the Orcutt Oil Field, California, USA](#)”

11:00-11:25 Respond to Email Questions.....(Various)

11:25-11:30 Closing Remarks.....(Bill Patzelt/Matt Landon)

**For more information on the RMP:**

- Water Boards Oil and Gas Monitoring Program website:  
[https://www.waterboards.ca.gov/water\\_issues/programs/groundwater/sb4/](https://www.waterboards.ca.gov/water_issues/programs/groundwater/sb4/)
- USGS’s COGG (California Oil, Gas, and Groundwater (COGG)) Program website:  
<https://webapps.usgs.gov/cogg/>