



# Department of Toxic Substances Control (DTSC) Groundwater U (GWU) Workshop Series Santa Susana Field Laboratory (SSFL)

## Workshop #2: Where is Groundwater Contamination? Chatsworth Formation, Fate & Transport of Contaminants

**JOHN CHERRY** – SSFL GROUNDWATER ADVISORY PANEL, PROFESSOR EMERITUS AT THE UNIVERSITY OF WATERLOO (ONTARIO, CANADA), ADJUNCT PROFESSOR AT THE UNIVERSITY OF GUELPH (ONTARIO, CANADA)

**BETH PARKER** – SSFL GROUNDWATER ADVISORY PANEL, PROFESSOR AT THE SCHOOL OF ENGINEERING, UNIVERSITY OF GUELPH

**JAMIE SLAUGHTER, DM** – PUBLIC PARTICIPATION & COMMUNITY OUTREACH MANAGER, DTSC

**ONLINE ZOOM MEETING:** MARCH 12, 2024, FROM 6:00PM – 8:00PM

If you have difficulty accessing any material presented, please contact us by email, mail, or telephone, and we will work with you to make the information available.

**For email Requests:** [accessibility@dtsc.ca.gov](mailto:accessibility@dtsc.ca.gov)

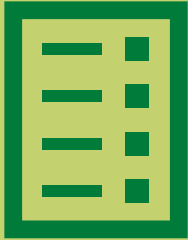
**For written requests:** The Office of Civil Rights, Department of Toxic Substances Control, P.O. Box 806  
Sacramento, CA 95812-0806

**Telephone:** +1 916 324-3095 or +1 800 728-6942 (Toll free)

# DTSC Overview



The Department of Toxic Substances Control's (DTSC) mission is to protect California's people, communities, and environment from toxic substances, to enhance economic vitality by restoring contaminated land, and to compel manufacturers to make safer consumer products.



## **Workshop Agenda and Purpose**

- **Workshop Overview**
- **Presentation by John Cherry and Beth Parker**
  - Where is Groundwater Contamination at SSFL?
  - Chatsworth Formation
  - Fate & Transport of Contaminants
- **Q&A**
- **Upcoming Groundwater U Workshops**
- **Anticipated Groundwater Decision Documents**
- **Stay Connected & Next Steps**

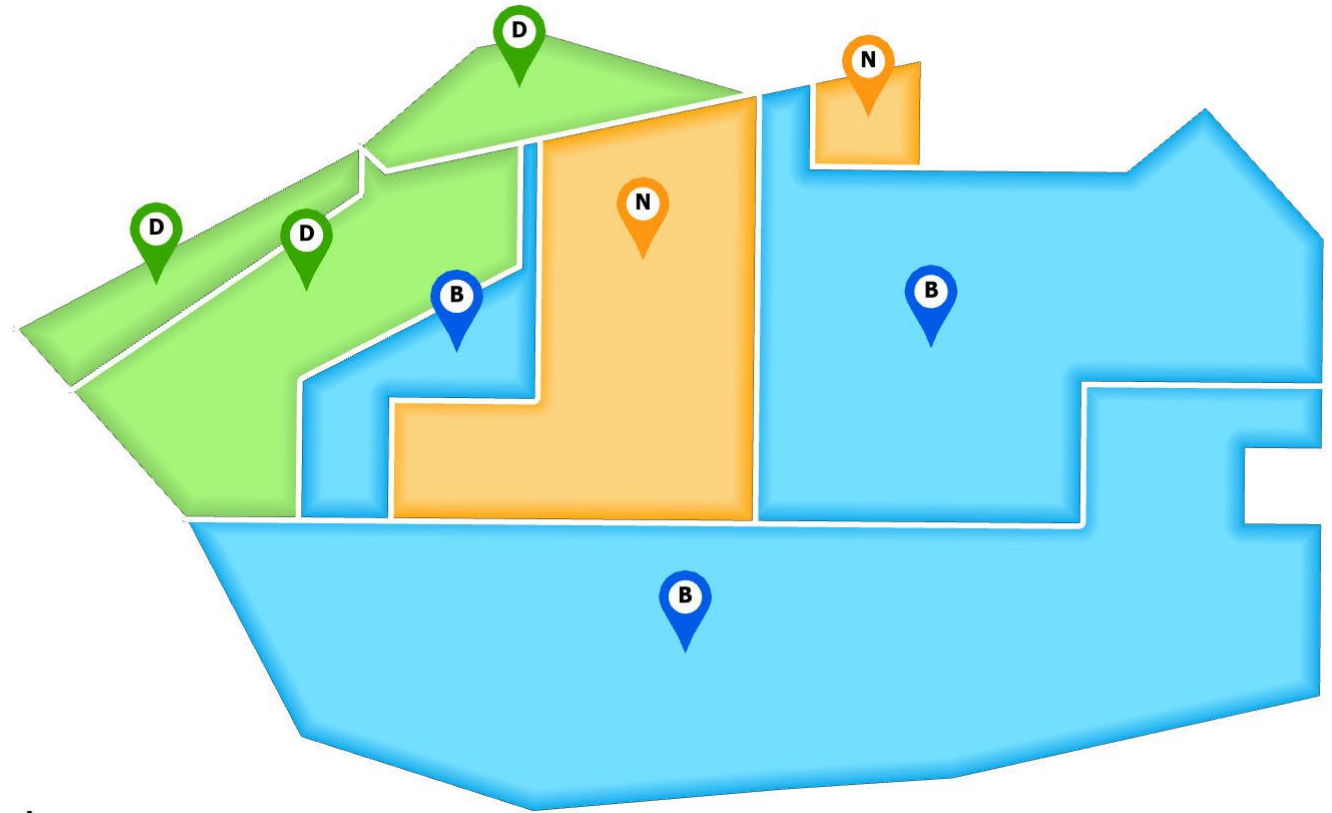
# Workshop Agreements



- Please be courteous to your fellow meeting attendees
- By participating in this meeting, you understand this meeting is recorded and you may be muted (Zoom)
- Speak clearly and at an even pace to ensure that all meeting participants receive the same information
- Use the Q&A section to type questions throughout the presentation (Zoom)



# SSFL Responsible Parties (RP) Overview



## Legend

Administrative Areas

Responsible Party



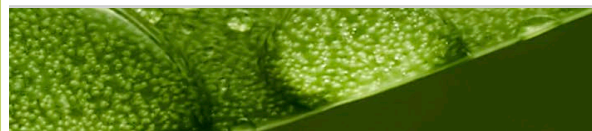
Boeing



DOE



NASA



# Workshop Speaker Introduction



## John Cherry

- SSFL Groundwater Advisory Panel
- Professor Emeritus at the University of Waterloo (Ontario, Canada)
- Adjunct Professor at the University of Guelph (Ontario, Canada)

## Beth Parker

- SSFL Groundwater Advisory Panel
- Professor & The Natural Sciences & Engineering Research Council of Canada research chair in fractured rock contamination hydrology, School of Engineering, University of Guelph
- Former Research Professor at the University of Waterloo (Ontario, Canada)

**Presentation:** Where is Groundwater Contamination at SSFL? | Chatsworth Formation, Fate & Transport of Contaminants

Disclaimer: DTSC staff have not previewed the following presentation. The content and views expressed are solely the authors' and do not reflect those of DTSC.



# Workshop Agreements



- Please be courteous to your fellow meeting attendees
- By participating in this meeting, you understand this meeting is recorded and you may be muted (Zoom)
- Speak clearly and at an even pace to ensure that all meeting participants receive the same information **(2-minutes)**
- Use the Q&A section to type questions (Zoom)



# Open Forum Instructions for Providing Input



**2-minutes**

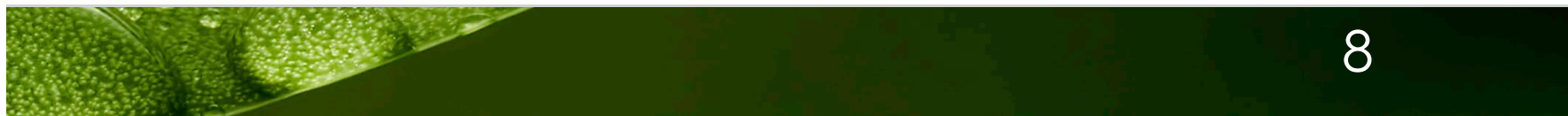
## Computer and Phone Instructions:

- Please click the “raise hand” button or enter your input in the Q&A section
- Phone Callers, press **\*6** to mute/unmute and **\*9** to raise/lower hand

## When called on from raised hands:

- Please unmute yourself
- State who your question is directed to:
  - Beth Parker and John Cherry, DTSC, Boeing, NASA, or DOE
- Please present your input or ask your question

Please send additional questions and input to us through the GWU Listening Session Survey link below or on the DTSC SSFL web home page <https://www.surveymonkey.com/r/GWUListening>





# Groundwater U Workshops

<https://dtsc.ca.gov/santa-susana-field-laboratory-meetings/>

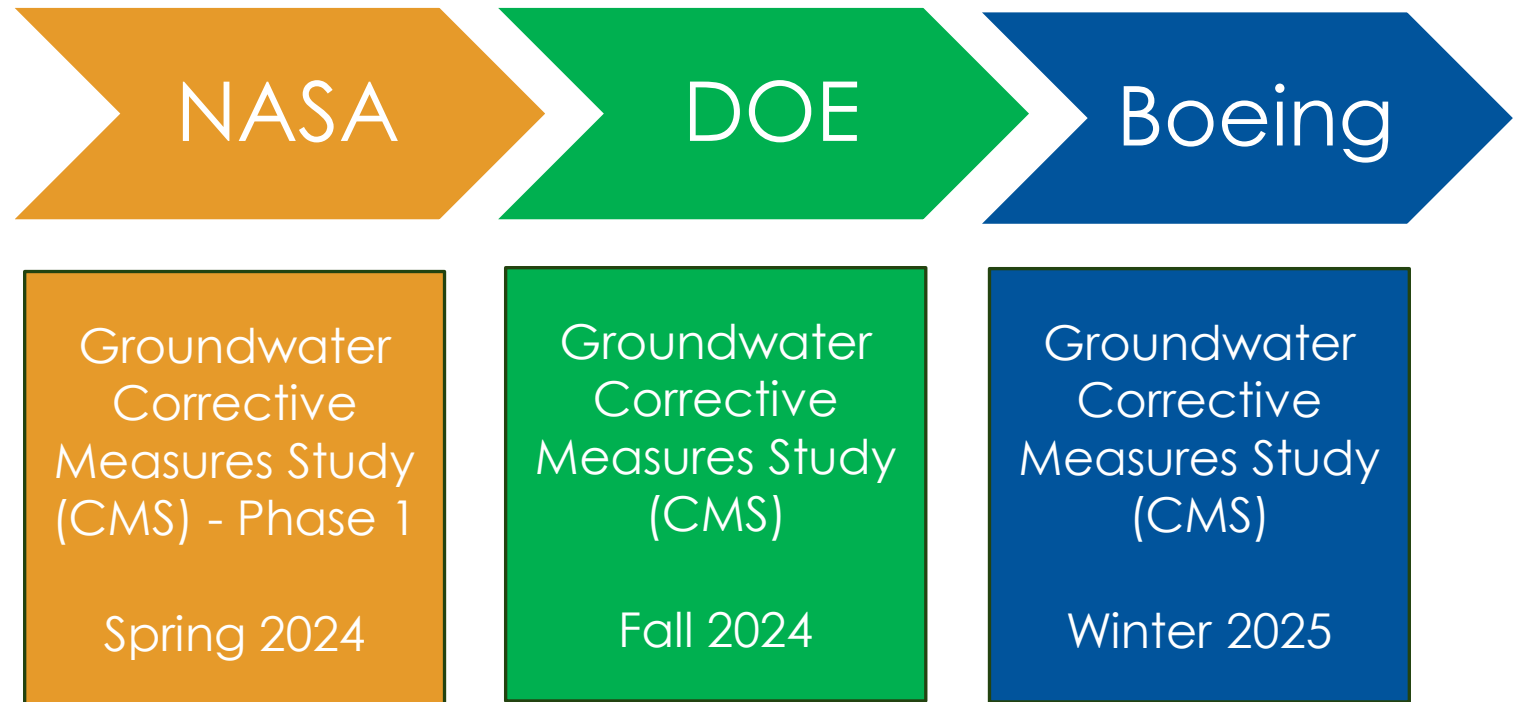
## Previous Workshops

- **GWU Listening Session**
  - January 23, 2024
- **GWU Workshop #1**
  - February 20, 2024
- **GWU Workshop #2**
  - March 12, 2024

## Upcoming Dates in the Series

- **GWU Workshop #3**
  - April 4, 2024
  - 6p-8p on Zoom
- **GWU Site Tour**
  - April 6, 2024
  - 9a-12 noon at the SSFL site

# Anticipated Groundwater Public Comment Periods



# Stay Connected

## DTSC SSFL Web Home Page

[https://dtsc.ca.gov/santa\\_susana\\_field\\_lab/](https://dtsc.ca.gov/santa_susana_field_lab/)

- Site documents
- Project contact information
- Community Survey
- SSFL e-List
- SSFL FAQ's

## Envirostor

<https://www.envirostor.dtsc.ca.gov/public/>

- SSFL project documents



[https://dtsc.ca.gov/santa\\_susana\\_field\\_lab/](https://dtsc.ca.gov/santa_susana_field_lab/)

# Groundwater Questions

## GWU Survey

<https://www.surveymonkey.com/r/GWUListening>

- Submit additional GW questions
- Elevate additional GW topics of interest
- Share GW concerns



<https://www.surveymonkey.com/r/GWUListening>

# Groundwater U Feedback

## GWU Workshop Series Feedback

<https://www.surveymonkey.com/r/GWUPostSurvey>

- Submit your feedback about the workshops and the SSFL site visit



<https://www.surveymonkey.com/r/GWUPostSurvey>



# DTSC Project Contacts for SSFL

## How To Stay Connected

- **Public Participation Survey:** [https://dtsc.ca.gov/santa\\_susana\\_field\\_lab/](https://dtsc.ca.gov/santa_susana_field_lab/)
- **Email:** [DTSC\\_SSFL@DTSC.CA.Gov](mailto:DTSC_SSFL@DTSC.CA.Gov)
- **Mail:** DTSC / Public Participation, 9211 Oakdale Ave., Chatsworth, CA 91311

## DTSC Project Contacts and Information

- **Boeing:** Patrick Movlay (DTSC), Senior Environmental Scientist / Project Manager, [Patrick.Movlay@dtsc.ca.gov](mailto:Patrick.Movlay@dtsc.ca.gov)
- **NASA:** Paul Carpenter (DTSC), Senior Engineering Geologist / Project Manager, [Paul.Carpenter@dtsc.ca.gov](mailto:Paul.Carpenter@dtsc.ca.gov)
- **DOE:** Tanya Brosnan (DTSC), Senior Engineering Geologist / Project Manager, [Tanya.Brosnan@dtsc.ca.gov](mailto:Tanya.Brosnan@dtsc.ca.gov)
- **Public Participation Inquiries:** Jamie Slaughter (DTSC), Public Participation & Community Outreach Manager, [Jamie.Slaughter@dtsc.ca.gov](mailto:Jamie.Slaughter@dtsc.ca.gov)
- **Media Inquiries:** Elizabeth Leslie-Gassaway (DTSC), Information Officer Specialist / [Elizabeth.Leslie-Gassaway@dtsc.ca.gov](mailto:Elizabeth.Leslie-Gassaway@dtsc.ca.gov)



# Thank You