

Date: 9/18/2019

Title: IRIS Stakeholder Meeting - Vanadium Producers and Reclaimers Association/Wiley Rein LLP

Attendees:

Martha E. Marrapese, Wiley Rein LLP

John W. Hilbert III, Vanadium Producers & Reclaimers Association (VPRA)

David White, Consultant to VPRA

Jennifer Orme-Zavaleta, EPA/ORD

David Dunlap, EPA/ORD

Lou D'Amico, EPA/ORD

Tina Bahadori, EPA/ORD

Wayne Casio, EPA/ORD

Emma Lavoie, EPA/ORD

Belinda Hawkins, EPA/ORD

Kris Thayer, EPA/ORD

James Avery, EPA/ORD

Ravi Subramaniam, EPA/ORD

Erin Yost, EPA/ORD

Kathleen Newhouse, EPA/ORD

Dahnish Shams, EPA/ORD

Vicki Soto, EPA/ORD

Crystal Rodgers-Jenkins, EPA/OW

Judy Brisbin, EPA/OW

Attachments: Slide Deck

Notes:

The meeting started with a presentation of slide deck by John Hilbert (VPRA) and David White (Consultant) focusing on vanadium production in the United States and vanadium chemistry, specifically the oxidation states of vanadium as a solid and in water, air, and sedimentary environments.

Following the presentation, there was a discussion of the request by the Office of Water for ORD to develop an IRIS assessment for vanadium (see [IRIS Program Outlook](#), April 2019). The IRIS Program is currently in the process of scoping the assessment of vanadium including consideration the forms of vanadium that occur in drinking water and the forms of vanadium for which studies are available in the toxicological literature. Further consultation within the Agency will inform the scope of the IRIS assessment. An IRIS Assessment Plan is forecasted to be available for public comment in Q1FY20. Discussion continued around the available literature on vanadium including the studies cited in the presentation and those known studies currently in progress (e.g., in progress studies by the NTP [https://ntp.niehs.nih.gov/ntp/results/pubs/posters/roberts\\_sot20190300.pdf](https://ntp.niehs.nih.gov/ntp/results/pubs/posters/roberts_sot20190300.pdf)).

Action Items:

- Wiley Rein will send citations for graphics in slide presentation