Additional Information

Deborah Johnson, Washington State Department of Health Critical Aquifer Recharge Areas/Wellhead Protection Areas February 24, 2021

Embodied in presentation:

Regulations:

WAC 365-190-100 Critical aquifer recharge areas

WAC 246-290-135 Source water protection (Group A public water systems)

WAC 246-291-125 Groundwater source approval (Group B public water systems)

WAC 365-195-920 Criteria for addressing inadequate scientific information

WAC 365-196-830 Protection of critical areas (compensatory mitigation)

Maps & Reports:

DOH Source Water Assessment Program (SWAP) map wellhead protection areas

NRCS Web Soil Survey hydrologic soil group map

Ecology watershed plan archive

Ecology groundwater report library

Ecology groundwater quality standards

Other:

SEPA checklist (critical areas identification Q. B.8.h)

Ecology Underground Injection Control (UIC) program

EPA maximum contaminant level lookup

Example Dupont PFAS class action suit

Icicle Creek Strategy

Presenter's LinkedIn profile

Presenter's Facebook profile

Resources:

Oregon Department of Environmental Quality & Oregon Health Authority (July 2020). Pollutant Reduction Strategies for Common Land Uses/Activities within Groundwater Sources of Drinking Water.

https://www.oregon.gov/deg/FilterDocs/dwpgrwaterResources.pdf

Yates, D. et al. Ground Water Report to the Nation: A Call to Action (2007). Groundwater Protection Council.

https://www.gwpc.org/topics/ground-water-report-to-the-nation/

(Note: on this website, but link may not display properly; go to site & search within)

Conrad, E., et al (Winter 2019). Putting Adaptive Management into Practice: Incorporating Quantitative Metrics into Sustainable Groundwater Management. Stanford Digital Repository. https://purl.stanford.edu/hx239rw5017

Doremus, H. et al (April 2011). Making Good Use of Adaptive Management. White Paper #1104, Center for Progressive Reform. https://cpr-assets.s3.amazonaws.com/documents/Adaptive Management 1104.pdf

Williams, B.K., et al (2009). *Adaptive Management: The U.S. Department of the Interior Technical Guide*. Adaptive Management Working Group, U.S. Department of the Interior, Washington, DC. https://www.doi.gov/sites/doi.gov/files/uploads/TechGuide-WebOptimized-2.pdf