Appointment

**From**: Amoroso, Cathy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c5033745779e4121b626d62341a9b89c-Amoroso, Cathy]
**Sent**: 6/1/2021 9:18:20 PM
**To**: Amoroso, Cathy [Amoroso.Cathy@epa.gov]; Froede, Carl [Froede.Carl@epa.gov]; Hansel, Joel [Hansel.Joel@epa.gov]; Shell, Karrie-Jo [Shell.Karrie-Jo@epa.gov]; Jones, Connie [Jones.Constance@epa.gov]
**CC**: Staples, Bridget [Staples.Bridget@epa.gov]

**Subject**: Oak Ridge June 10 meeting with DOE, EPA, TDEC to discuss effluent limits
**Location**: Microsoft Teams Meeting

**Start**: 6/2/2021 1:45:00 PM
**End**: 6/2/2021 2:30:00 PM
**Show Time As**: Busy

**Required Attendees**: Amoroso, Cathy; Froede, Carl; Hansel, Joel; Shell, Karrie-Jo; Jones, Connie
**Optional Attendees**: Staples, Bridget

The EPA/TDEC/DOE project team is working on developing instream water quality numbers for radionuclides in Bear Creek. Per the Administrator's decision, the regular CWA guidance defaults for consumption will not be used, and instead, a site specific value to consumption will be derived. Using the yet-to-be determined consumption rate, an instream water quality number will be derived for radionuclides in Bear Creek (using the PRG calculator tool) and set at a risk level of 10E-5. Once those numbers are developed, an effluent discharge limit is to be set based on the instream water quality numbers.
EPA's position is that there is no need to invent a new way of developing water quality based effluent limits – rather, the effluent limits should be derived using the "regular method" used in NPDES permitting. No one on the project team has expertise in NPDES permitting or the CWA. DOE's contractor (UCOR) is suggesting use of a dilution factor – which is not indicated in the Administrator's decision (IMO).
We are hoping that Joel can explain how the instream water quality numbers can be converted to an effluent limit. 😊

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# Microsoft Teams meeting

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