From:	Boykin, Michael
To:	Stanfield, Brooks; Franklin, Richard
Cc:	Rodin, Jeffry; Weigel, Greg; Terada, Calvin; bmartin@ene.com
Subject:	Fwd: screening tables
Date:	Saturday, May 23, 2015 2:57:16 PM
Attachments:	2015_05_20_14_19_12.pdf ATT00001.htm

Julie's follow up email to her list of chemicals of concern. Note the use of RSLs.

Sent from my iPhone

Begin forwarded message:

> **From:** "Wroble, Julie" <Wroble.Julie@epa.gov>
> **To:** "Boykin, Michael" <Boykin.Michael@epa.gov>
> **Cc:** "Brown, Donald M." <Brown.DonaldM@epa.gov>, "Fleming, Sheila" <fleming.sheila@epa.gov>
> **Subject: screening tables**
>
> Here's scans of what I did for you. Let me know what else you need at this point. Also, I looked at this website, but noticed there's no table for air. Probably because air is more difficult to address than soil/groundwater.
> http://www.epa.gov/region4/superfund/programs/riskassess/rml/rmlgentable.html
> Note that these tables use a screening level of 1E-04 and a HQ of 3. Given the exceedences we have, these would be exceeded for the chemicals I listed in the prior e-mail.
> Finally, a note on use of the PELs.
> A few concerns about comparisons to PELs.
> 1. PELs are developed for worker populations who use chemicals in the workplace. They are not designed for office workers who have no training in handling chemicals safely.
> 2. PELs are often developed based on what's achievable or measurable and may not be health protective.
> 3. If PELs are exceeded, then often additional training or engineering/institutional controls kick in. Examples are using fume hoods, wearing PPE, limiting time of exposure.
>
> I would focus on the main list of chemicals to screen before looking at the TICs, as they're only tentatively identified.
> Here's a link to the RSLs for air:
> http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/docs/resair_sl_table_01run_NOV2014.pdf
> These were what I used to get the Screening Levels I used for my comparisons.
> Julie Wroble|Toxicologist|USEPA Region 10|1200 6th Ave., OEA-140|Seattle, WA 98101|T: 206-553-1079|e-mail: wroble.julie@epa.gov