

## Minutes Oct 22, 2018

5:30 pm NEW: 515-604-9500 code 589586

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Present: Joe, Clifford, Matt, Hil, Carol,

### Business

- RI/FS update (Joe)
  - BERA/Sediment toxicity phase III/ - Kathy was not on EPA call Oct 18 but provided a written answer to questions and preparing additional questions.
    - Trident porewater pilot study: Data were recorded during purge cycle. Took 1-1.5 hr to fill “multiple containers”.
    - Freeze grab: Kathy didn’t respond to question about water freezing on the sample. Worked well in sand/gravel, not in cobble.
    - Sediment Facies mapping to complete 11/5.
    - TIE pilot study: ongoing with sample collected downstream of China Bend from original sediment toxicity study. (Gave to Trustees, had strongest effect on survival & growth). Also spiked control sediment.
  - Background soil – draft of Final DQO under review. We reviewed but had no comments on October 1; EPA is preparing response to TAI.
  - HHRA river and upland portions - EPA has our comments on river from August. The upland draft will issue soon but no date yet.
  - TRVs – Final wildlife TRV comments due 11/21. Joe had not received it yet. This is another item to bring up with Freya. Teck is drafting a response to the porewater/sediment TRV and EPA is reviewing and compiling comments on the revised Final fish dietary TRV
  - Plants – sampling done. TAI has 90 days to get data to EPA so late Nov. Once EPA validates, a data summary report is generated.
  - Soil amendment/technology – Call 11/1 and comments on final work plan for SATES phase II and technical memorandum for Phase IB due 11/5. Observe: 3-member team plus Dave Enos. Used XRF to find contaminated soil horizon – beginning and end at Dave and my suggestion. They should have a good (contaminated) soil sample for bench testing.
  - Macroinvert/Benthic Tissue - Phase 3 This is actually part of the Phase 3 sediment toxicity study. focus areas and potential reference locations in Canada were visited. Discussions focused on methods for characterizing the benthic community and the scale of the river reach and at the scale of the depositional feature. Received draft of the UCR Mussel and Crayfish eval results from Dave McBride– comments due 11/9
  - Bossburg – note received from Foster – no decision on clean-up

- Ground water -
- Aerial delineation – comments on prelim draft went in 10/20. **Main issue is TAI wants to test the air model with lead levels in soil adjacent to the smelter. No, No, No- fugitive dust from ore handling, maintenance & construction as well as multiple stack heights over the years. Also, contamination is not linear with distance from smelter – topography/micro climates.**
- Tribal and Rec use – nothing new **Rec use final is in draft to be out for review late Nov. 2 week turn around.**
- Sediment transport – dead in the water (ha)
- Northern Pike study - EPA QA reviewers are looking at data.
- **Residential soil remediation. We received a summary of the final remediation work from Dave Enos. Now have final reports on all remediation work.**
- Skeo news (Mindy – October 5 email) **Have you received anything from Freya since Oct 5 email (email or phone)?**
- Website (Hil) - **Nothing**
- Air monitoring – EPA contact in air program is Jeff Hunt (Hunt.Jeff@epa.gov) – Mindy has not yet spoken with Jamie or Jeff about this
- Meeting with Jamie and Bob (Joe) **I don't think Mindy, Jamie, Bob and I will ever be in the same place at the same time.**
- Cider festival was great! We got several new members and emails, sold 7 T-shirts, spoke with a dozen people or more, and ran out of news and info sheets.
- November GMM – Mindy can't make the 19<sup>th</sup> and Hil is having difficulty booking the museum - ? different date **Try Meyers Falls Dec 3?**

#### New Business

- Newsletter comments from Denise at Teck **Monica was fine with it.**
- Matt – news from the hill – **Cantwell office was vacant. Murray was to have coffee sit down. No one but aid Trey Easton Tribal/environmental TAP issues, salmon return, tribes on treaty negotiations. He doesn't hear anything back from EPA when queries them.**

**Next call? Try for early Dec GMM no call in November.**