



# CMER EEM – *key areas considered for change from Nov. 2017 consultation document*

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**December 2018**

# EEM - key areas considered for change

- EEM for Mountain Mines
- Selenium in Fish Tissue
- Investigation of Solutions

# EEM for Mountain Mines

- Nov. 2017 consultation document:
  - EEM conducted at the Environmental Compliance Point (ECP) and at additional exposure areas (Environmental Monitoring Points - EMPs) established based on the length of the bank (20 km threshold)
    - Additional zones (EMPs) were meant to assess effects expected to occur over larger spatial scale at Mountain mines due to the diffuse nature of their releases
- Considerations:
  - Most mountain mines don't have 20 km bank length based on available maps
  - The objective is to establish EMPs location where effects are most likely to occur, and where fish can be found.
- In determining EMP's locations, what are your views on the criteria that could be considered?

# Selenium in Fish Tissue

- Nov. 2017 consultation document:
  - Selenium (Se) in fish tissue is a trigger for more stringent effluent quality limits
- Considerations:
  - No additional effluent limits would be triggered by level of Se in fish tissue
  - Se in fish tissue would be monitored as part of EEM to inform on both:
    - Se levels in fish tissue
    - Assess effects
- What are your views on the methods and conditions that could be considered for studies of Se in fish tissue?

# Investigation of solutions

- Nov. 2017 consultation document:
  - Investigation of causes (IOC) followed by the identification of solutions (IOS) were proposed for effects measured in EEM
- Considerations:
  - IOS can provide important information on how to address measured effects
  - IOS doesn't usually involve lab or field work compared to biological monitoring studies or IOC
- What are your views on the options that could be considered to make potential solutions to measured effects available sooner?

# Next steps

- Please send any questions or comments in writing by Jan. 31<sup>st</sup> 2019 to: [ec.esee-eem.ec@canada.ca](mailto:ec.esee-eem.ec@canada.ca)