



To Assess or not to Assess? A Somewhat “Iron-ic” Tale



FRASER RIVER

INTERTIDAL

Pump House

Open Ditch

Underground Stormsewer

HH and ERA Involved Pathway Analysis for other COPCs

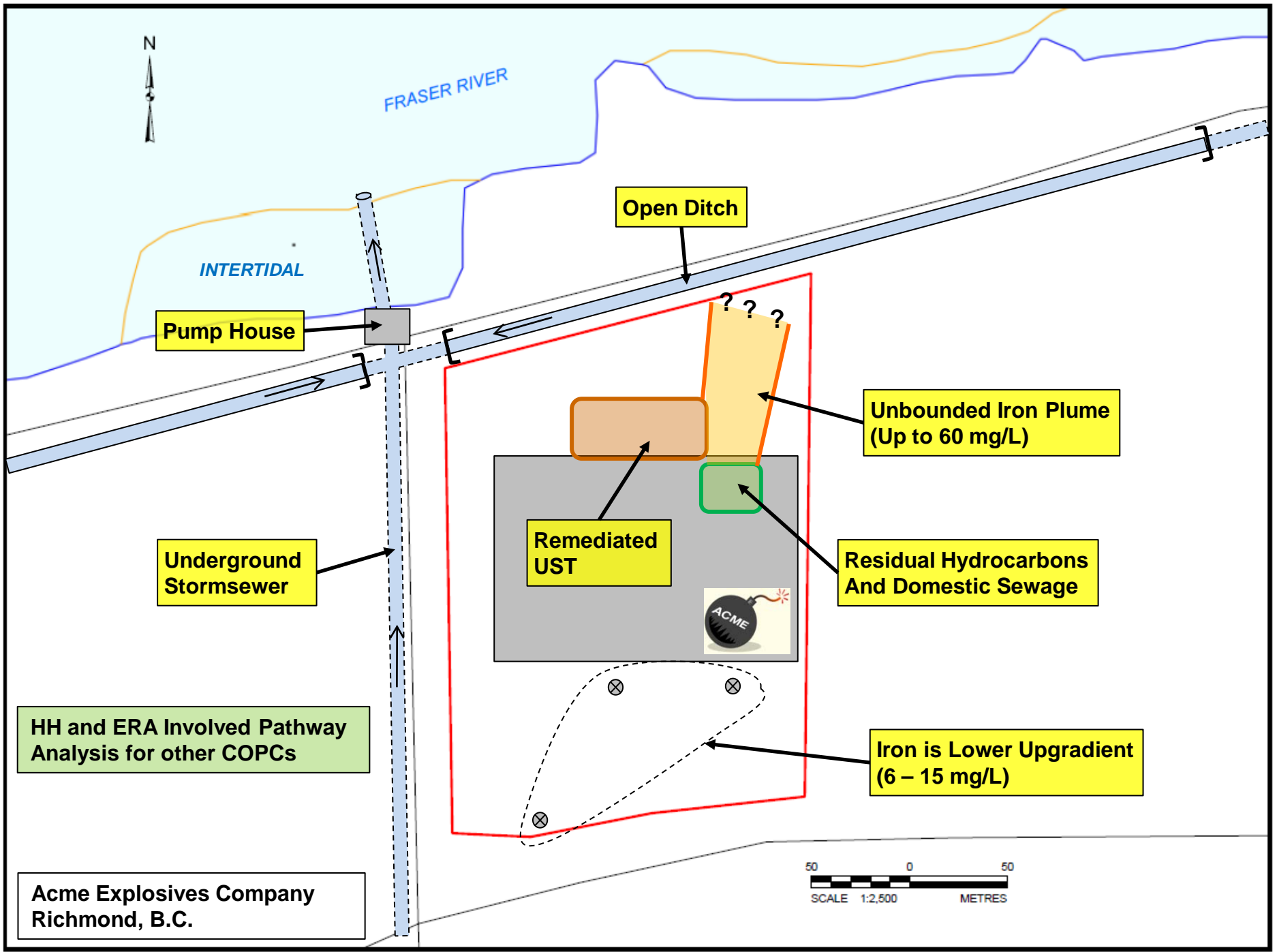
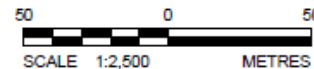
Acme Explosives Company
Richmond, B.C.

Remediated UST

Unbounded Iron Plume
(Up to 60 mg/L)

Residual Hydrocarbons
And Domestic Sewage

Iron is Lower Upgradient
(6 – 15 mg/L)





Is the ditch the “receiving environment?”

- What receptors are present? **-not fish bearing**
- Is there direct connectivity to a fish-bearing receiving environment? **-No**
- Does the water provide a significant source of resources to downstream environments? **-Unlikely**
- Was the water body designed to convey stormwater? **-Yes**
- Is the water body ephemeral? **-Yes**
- Is the water course actively maintained? **–Likely**
- **Receiving environment or not?**



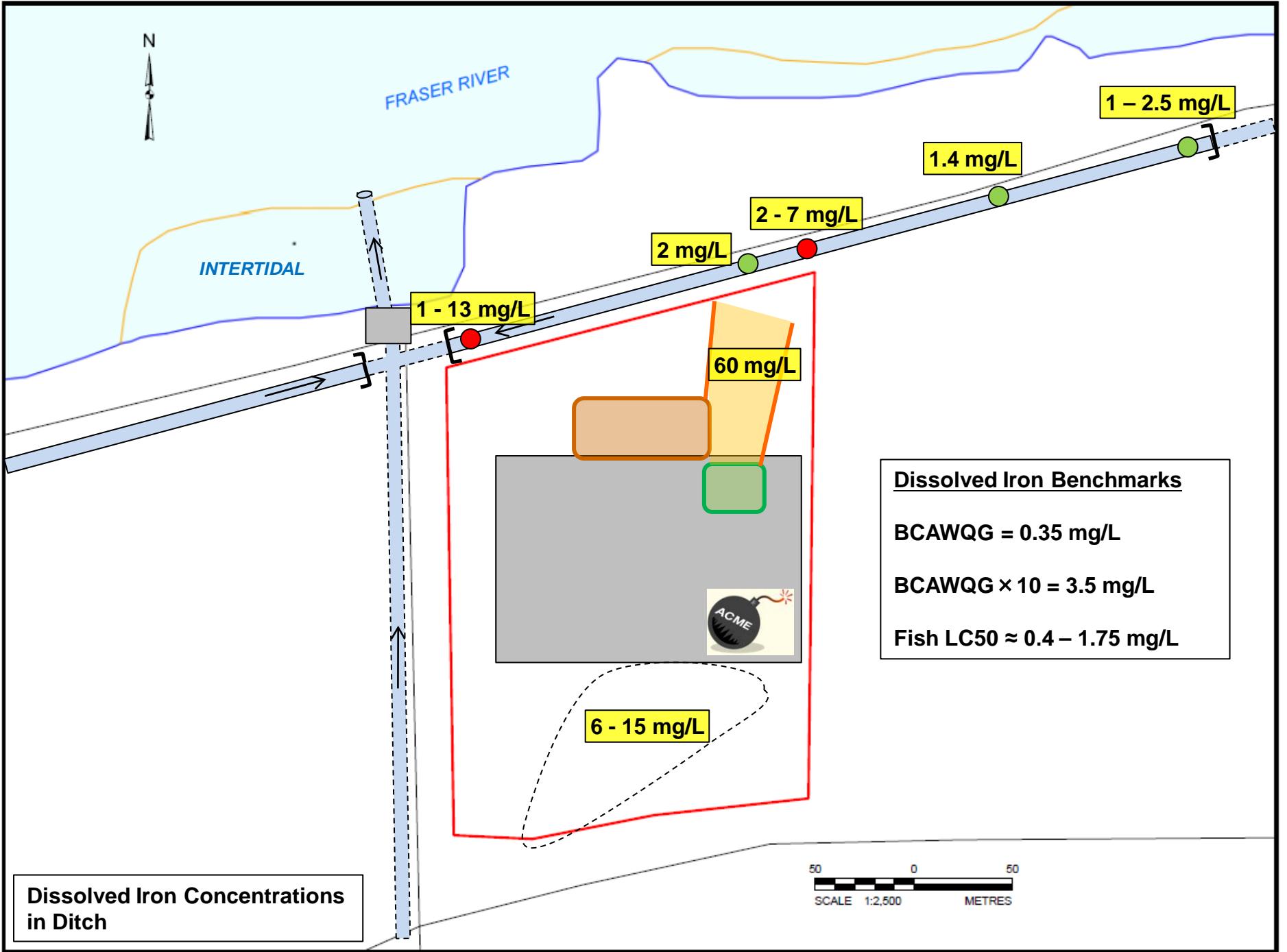
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- **According to TG-15, CSR Standards Apply**



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- **Do we need to assess iron? (SAB White Papers Say Yes)**





Ditch Conditions



