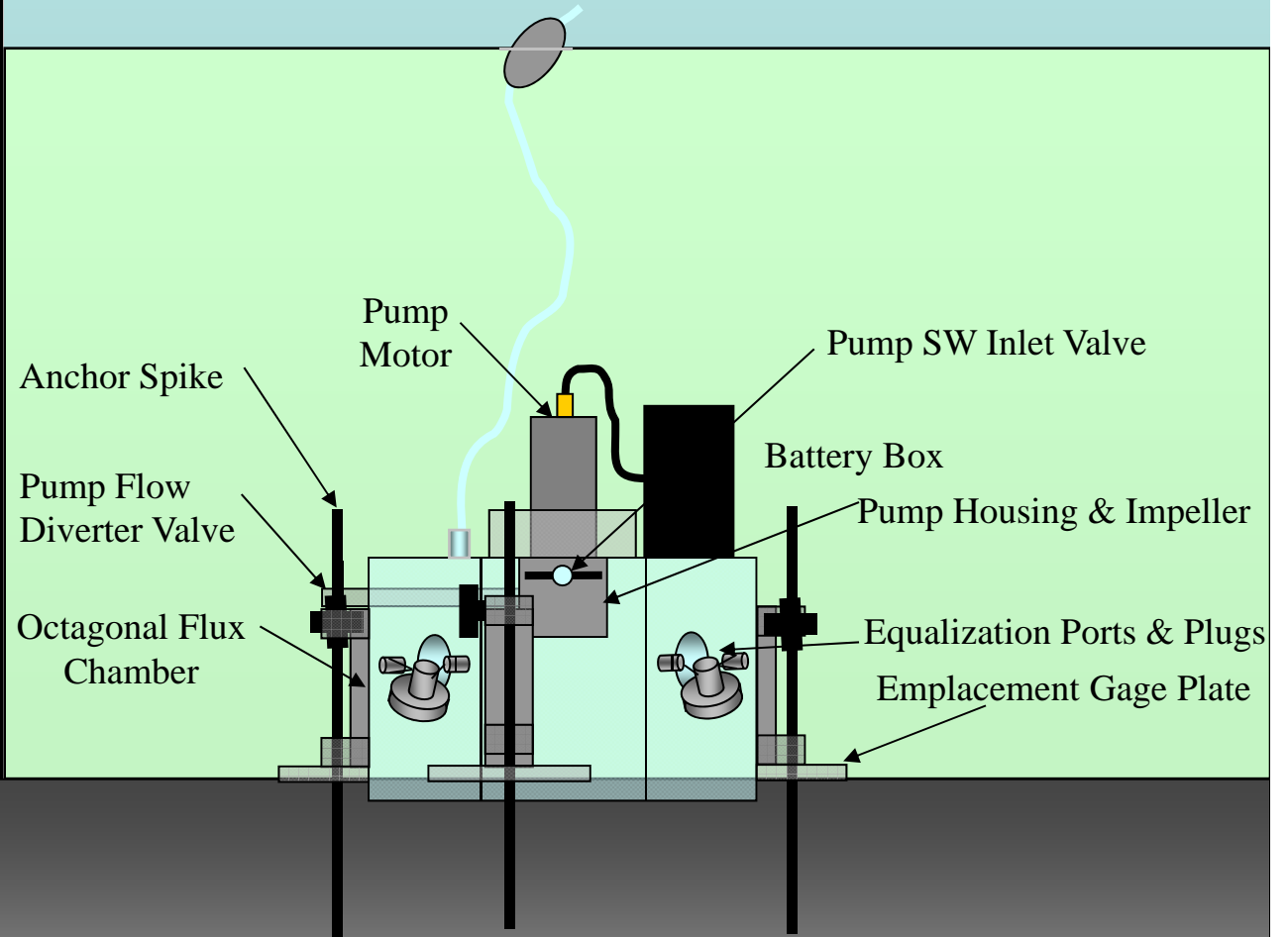




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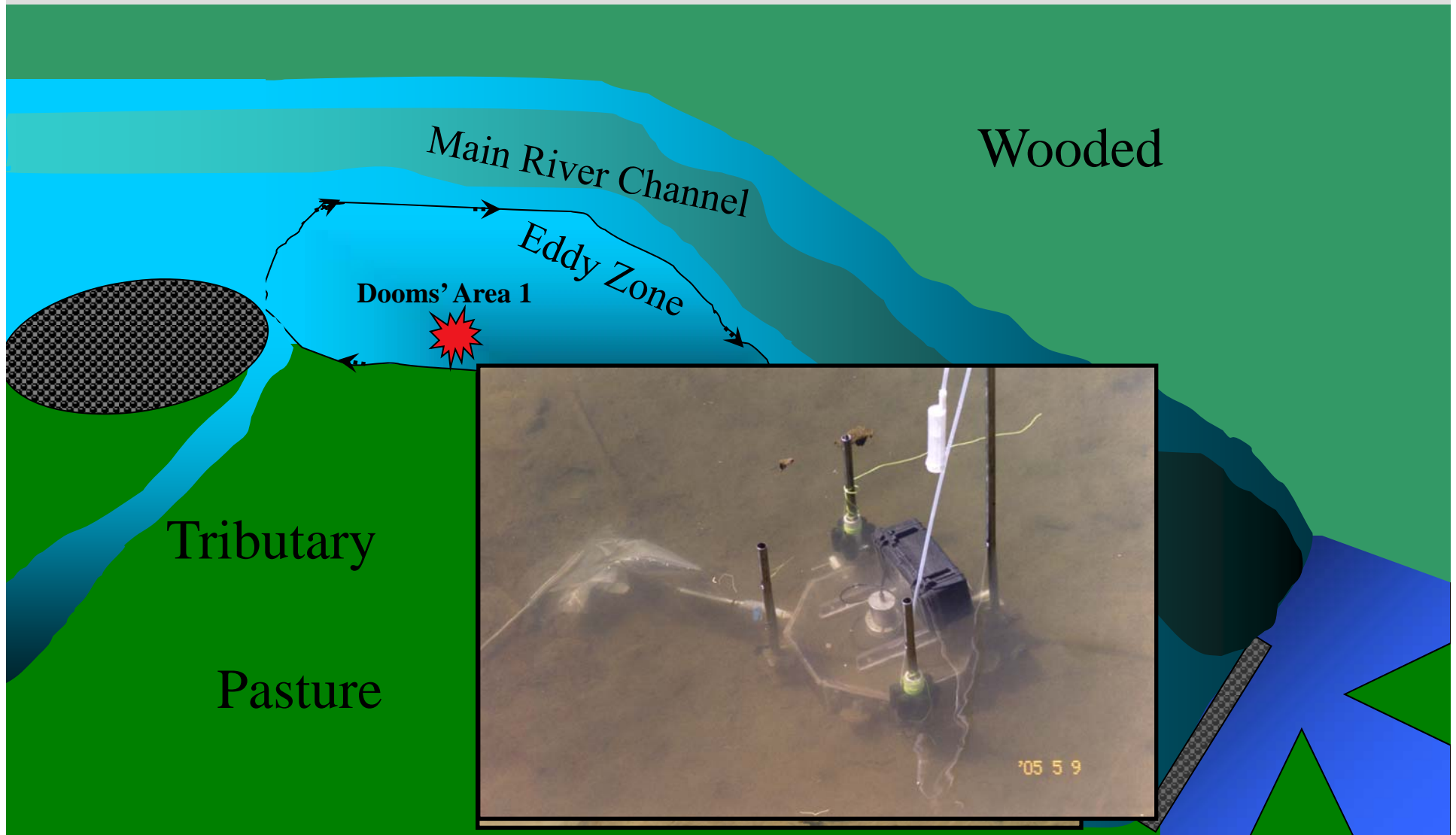
Benthic Flux Chamber Pilot Testing Update



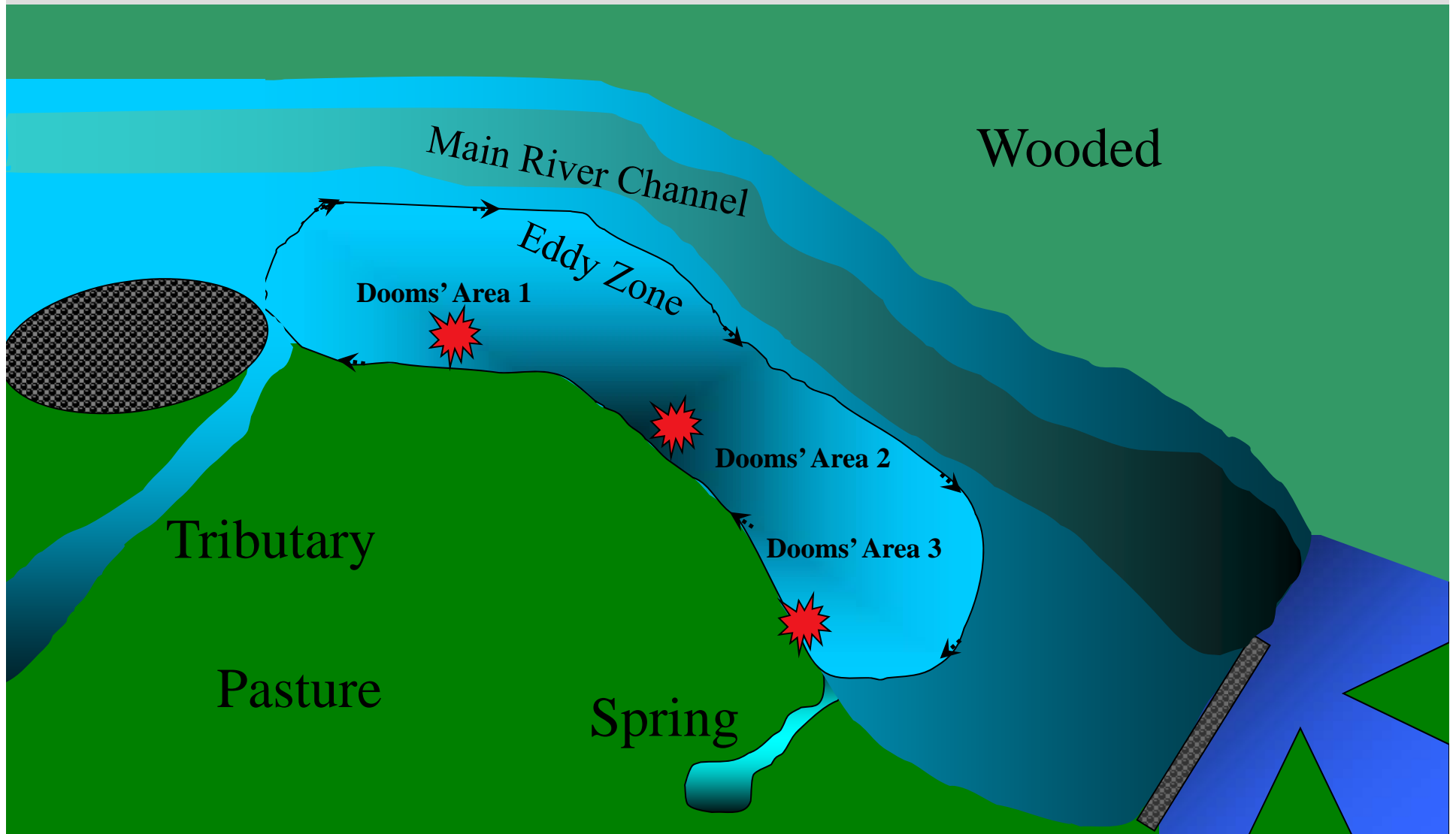
Rich Landis - DuPont

August 9, 2005

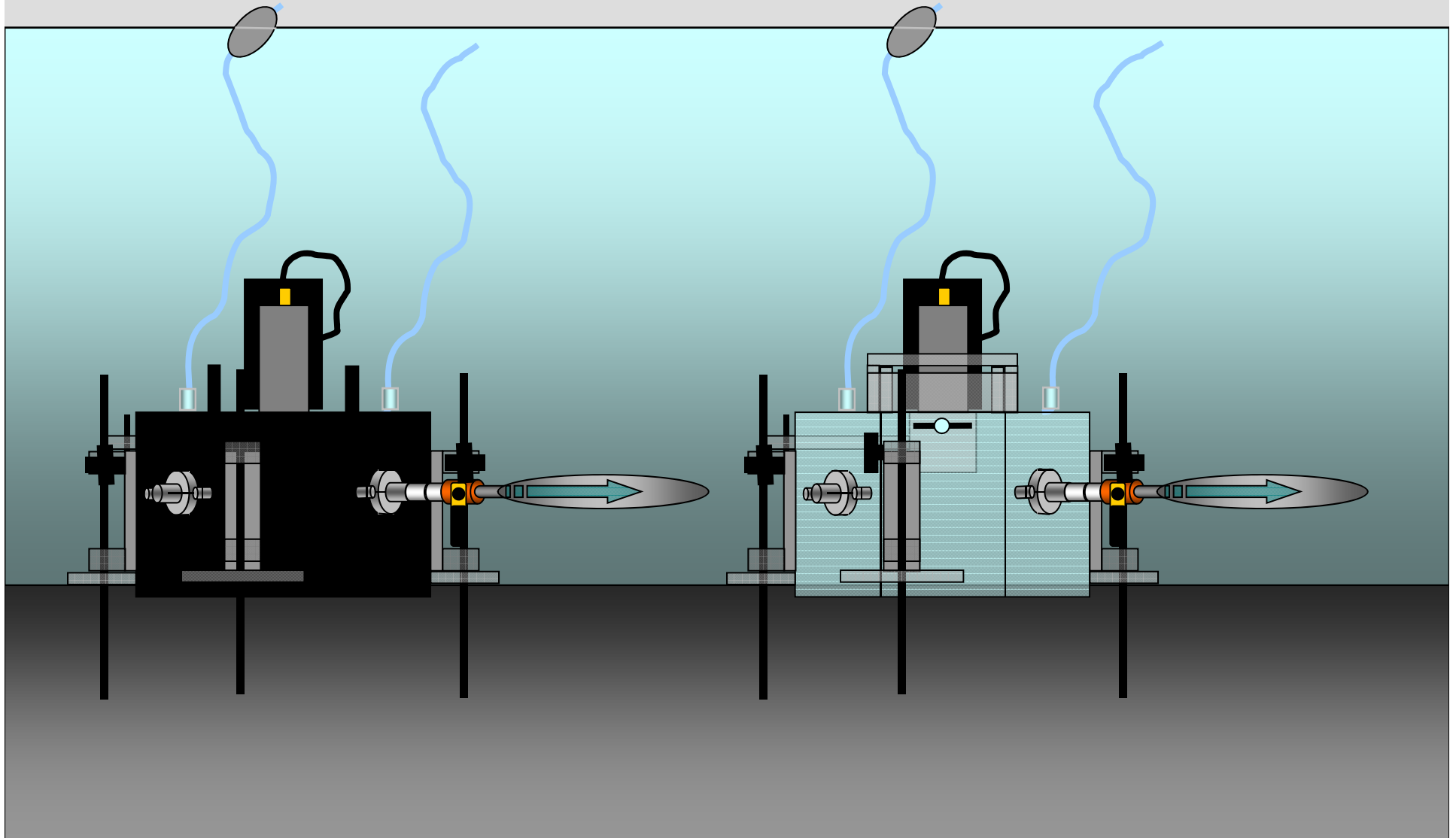
Dooms' Dam Pilot Test



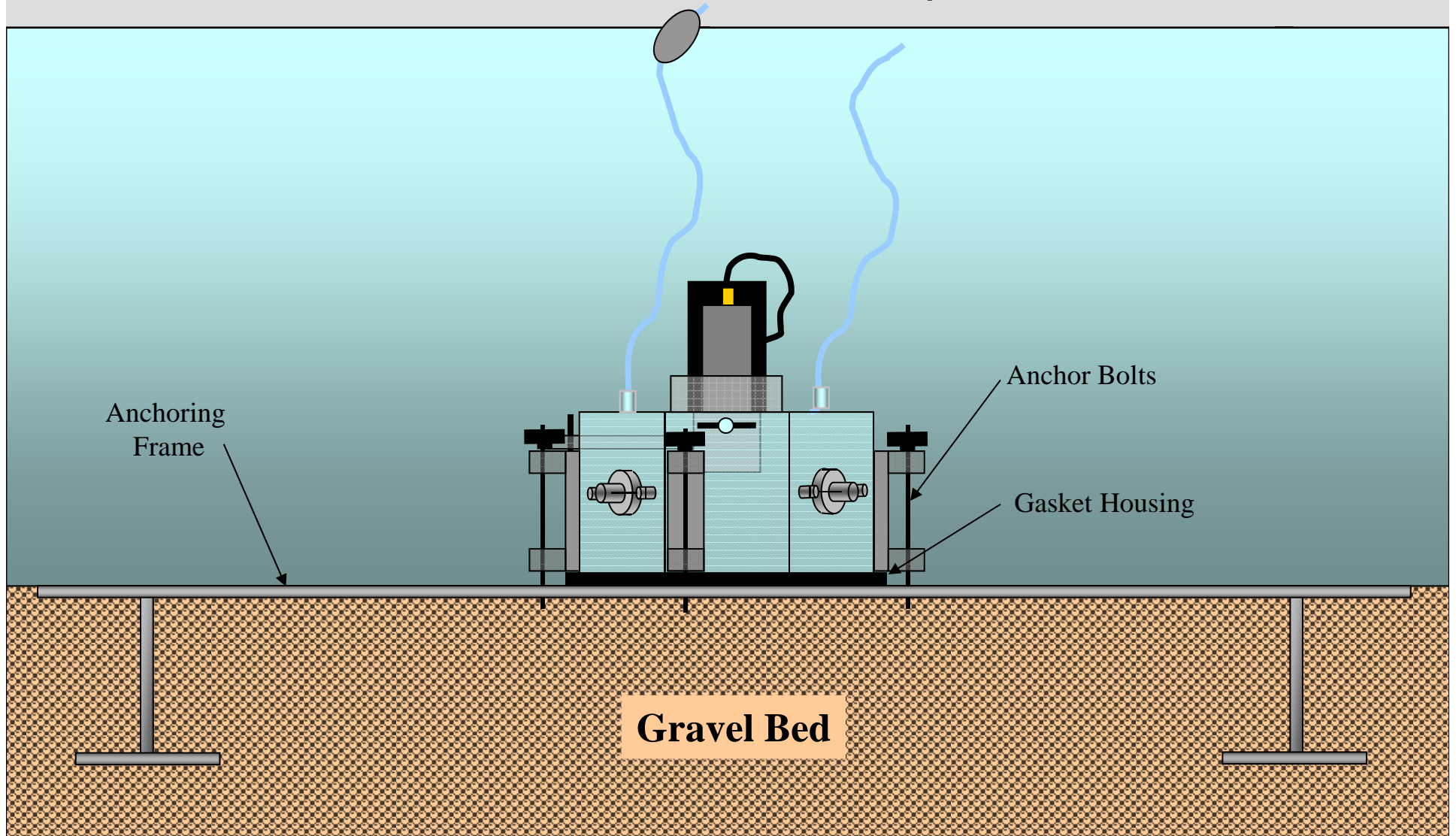
Dooms' Dam Pilot Test



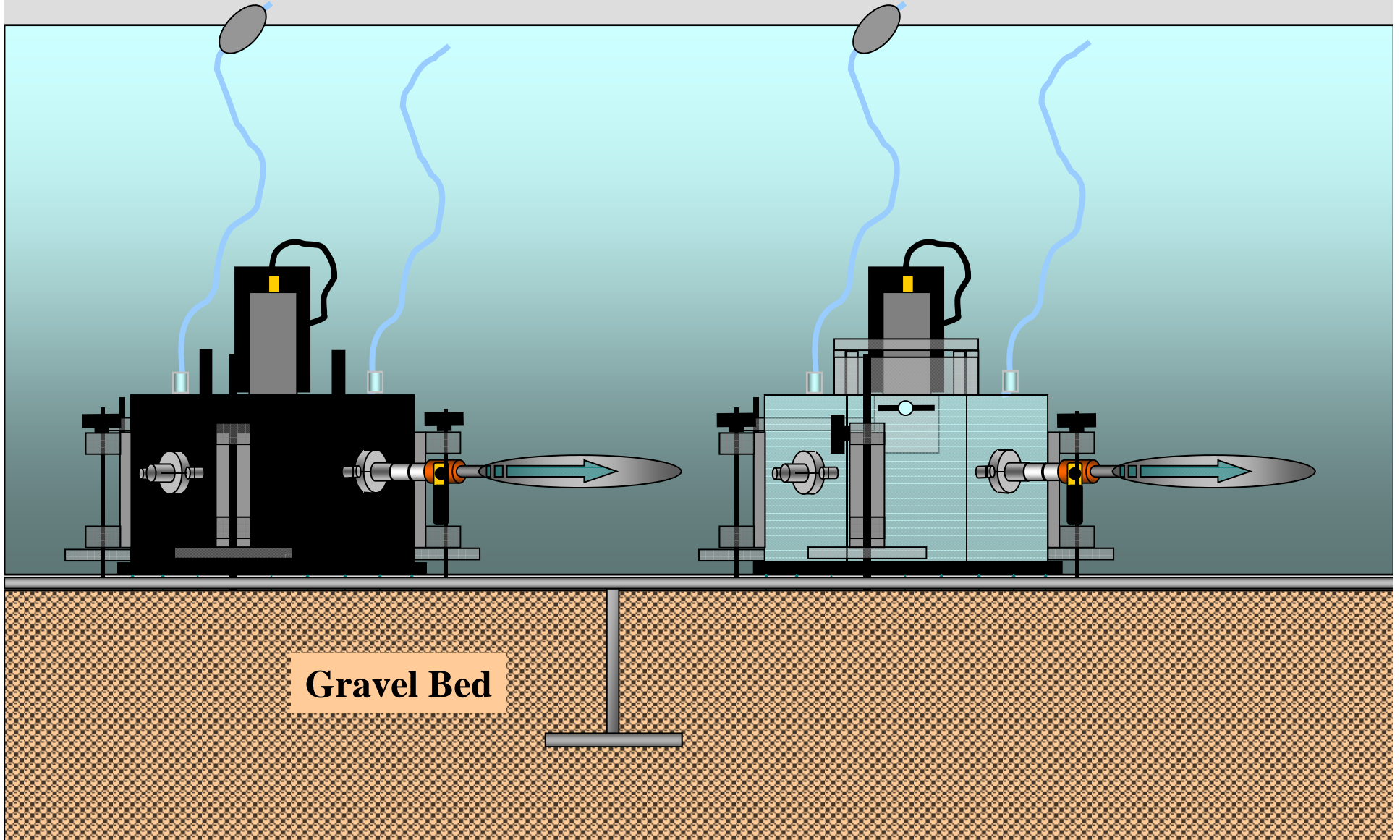
Sediment Diurnal Flux Chamber Pilot Test Arrangement



Gravel Bed Flux Chamber Pilot Test Concept



Gravel Bed Diurnal Flux Chamber Pilot Test Concept



Gravel Bed

“Next Steps”

- Investigate potential diurnal MMHg flux from sediment
 - Measure methyl mercury flux every two hours over 24 hour period
 - Compare results of opaque and transparent BFCs
 - Measure DO, Fe, Mn, light
- Investigate deployment of BFCs in gravel stream beds
- Proposed deployment in late September or October
- Looking for volunteers to assist with the efforts



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