

















Pore entry pressure required for LNAPL to replace water in the pores

- Density relative to water
- Viscosity relative to water Residual saturation





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- to retaining wall
- · Requires removal of trees
- · Requires fill placement in the river
- Selected remedy includes

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- Continue pumping at source to limit movement of LNAPL
- Continue periodic removal of LNAPL through bailing of wells
 and collection of material using booms placed in river

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Conclusions

- Multi-phase transport modeling simulated complex movement of LNAPL
- Model did not include all complexities at the site but was sufficient to evaluate the proposed slurry wall

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