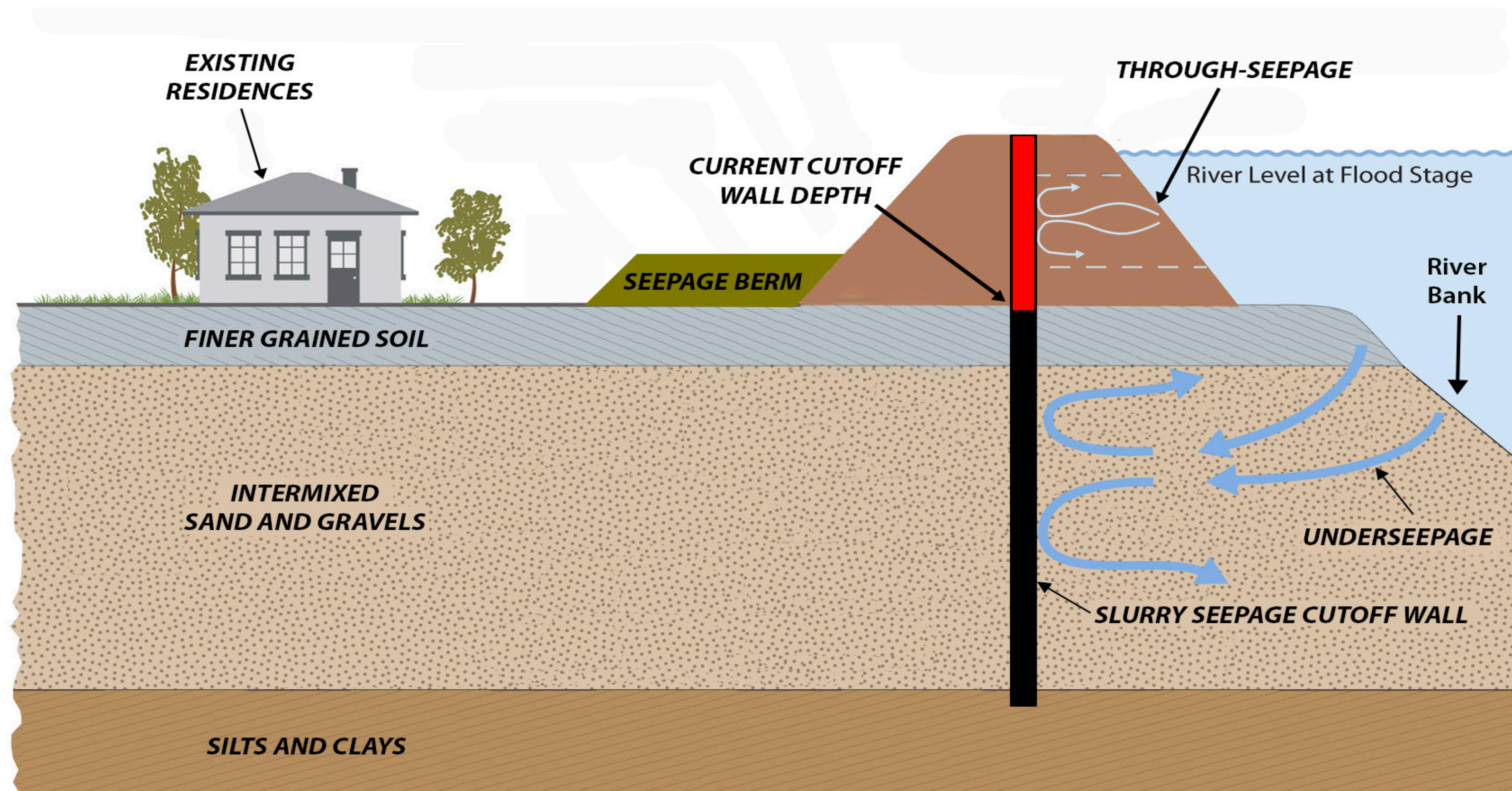


Seepage & Stability Addressed



Levee Seepage:

Primarily addressed by constructing a seepage cutoff wall. Water pressure is greatly reduced as it passes through the wall so that seepage and boils on the landside toe are either eliminated or greatly reduced.

Levee Instability:

Stability problems are typically addressed by construction of a seepage cutoff wall, combined with either soil reinforcement or levee slope flattening improvements. In areas needing soil reinforcement, geotextiles will be placed within the levee in layers. In areas needing slope flattening, new soil material will be added to the levee slope and compacted.

RIGHT: Deep soil mixing seepage cutoff wall

BELOW: Levee instability repair



ABOVE: Levee instability repair

LEFT: Conventional seepage cutoff wall construction