

Bass River

Beverly, MA

Contamination under sediment on the bottom of the Bass River in Beverly, MA was coming to the surface potentially causing further environmental damage and health risk. A plan was devised to remove contaminated soil and replace it with a special capping media. The media had to seal-off contaminants and be similar to silt-loam that covered the bottom of the river. It had to have relatively high organic matter content. The general contractor was D.A. Collins Environmental.

Agresource manufactured capping media that had to meet strict specification requirements and pass extensive testing for contaminants. Agresource used low-nitrogen leaf compost combined with special mineral filler supplied by Aggregate Industries to manufacture the media prior to delivery. The capping media had sufficient bulk-density to hold together and stay on the bottom in tidal currents. The media was lowered onto the river bottom using a GPS-guided crane to ensure accurate placement.

