

Geist Dam Rehabilitation

Geist Reservoir was constructed in the 1940s to provide water supply and supplemental stream flow in Fall Creek. A 2008 inspection of the Geist dam showed that paving blocks on the upstream slope as well as those supporting the roadway across the crest of the embankment continue to deteriorate. Some blocks near the water have dislodged and others show a significant degree of disintegration. This does not impact the structural integrity of the dam.

To repair the damage, Veolia Water Indianapolis, the operator of the city-owned water utility, Indianapolis Water, will:

- Place Armortech mats all the way up the slope of the dam.
- Form and pour a concrete wall all the way up the roadway vertical slope
- Overlay with shotcrete to fill the gaps in the Armortech mats and to prevent vegetation from growing on the slope.

Construction Timeline

Phase 1

- Late October – December
- Place Mats
- Repair Joints

Phase 2

- Spring 2010
- Replace Vertical Wall

