

## **Section O**

### **Risk Assessment**

#### **Status**

The PA DEP Joint Permit Application requires a Risk Assessment if the Stormwater Management Analysis or Floodplain Analysis indicate increases in peak runoff rates or flood elevations. The Stormwater Management Analysis, as prepared by Pennoni Associates and included in this Joint Permit Application, indicates no increase in peak runoff rates from the project site. In addition, the Flood Studies prepared by LandStudies, Inc. and included with this application indicate no increase in the 100-year water surface elevation for the Susquehanna River. Local, minor increases in flood elevations (<1.0 ft.) predicted for Walker Run and the unnamed tributary to Walker Run are entirely contained within the project site and are considered in the site design. Furthermore, the analysis contained in the Hydrology and Hydraulics Analysis, included as Section L of this application, concludes that the proposed project components covered by this Joint Permit Application do not cause any increased risk to life, property, or the environment. Therefore, based on the guidance provided in the Joint Permit Application Instructions, no additional Risk Assessment is required.