Summary

Susquehanna River Basin Anthracite Region Recommendations

Implement the Top-20 Discharge Treatment Plan for water quality reclamation within the Anthracite Region of the Susquehanna River Basin.

Assess the 33 square miles of Abandoned Mine Lands that are not currently prioritized under the Surface Mining Control and Reclamation Act.

Complete a restoration study for the Shamokin Creek Watershed after implementing the Top-20 Plan.

Initiate a water quality monitoring program for the Stony Creek Watershed given the lack of available data.

Complete a flow monitoring study of the Old Forge Borehole to assess storage and consumptive water use mitigation potential.

Complete a study of the consumptive water use mitigation and hydroelectric potential of the Jeddo Tunnel.

Explore active treatment alternatives for the Audenreid Tunnel and surrounding discharges.

Complete a study focusing on the consumptive water use mitigation potential of the West End Mine Pool (Mocanaqua Tunnel).

Initiate a water quality/quantity monitoring program for the Upper Lackawanna River discharges to support a study on consumptive water use mitigation potential.

Enhance the implementation of the Eastern Pennsylvania Coalition for Abandoned Mine Reclamation's borehole monitoring plan with the use of more advanced monitoring technology needed to characterize pool/discharge volumes.

Complete a study of the 260 flooded surface mines within the region for prioritizing potential consumptive water use mitigation.

Explore the use of mine pools along the Susquehanna and Delaware drainage divide.