



Wayne Lehman at the convergence of the West Branch of the Schuylkill River and the Pine Knot Discharge







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This reclaimed strip mine fills with water at its base. Because the water is trapped in this basin, the water must either evaporate or infiltrate. If it infiltrates, it will recharge the subsurface mine pool.





Dyer Run lined stream channel  
Seeps located through geophysical investigations







The strip mine across the street has been open a total of four times as economic changes made coal extraction feasible.



Crop fall (below) was a location of a DOT drainage. Instead of allowing the water to sit in the crop fall and seep into the mine pool, Bill rerouted the discharge to the stream channel.







Surface water drains to the old strip mine and is held there until it seeps into the subsurface mine pool







\$130,000 project to keep the stream channel at a high elevation to avoid moving the clay rich coal dirt into the main stream system and contaminating water miles away from the source (bottom right)







Arie tree planting project –  
This is encouraged over grass-  
planting to restore the mined area to  
a forested landscape more quickly.

