

# Enhancing Clean Water Policy & Problem Solving



Foundation for Pennsylvania Watersheds



# Who Is FPW?

- 1994 Heinz Endowments,
- Philanthropic,
- Regrants,
- Mission,
- More than 300 grantees,
- Invested more than \$14.8M,
- Leveraged more than \$183M,
- Restored 737 AMD stream miles,
- Enhanced 551,400 ft of riparian buffers,
- Enhanced 92,800 ft of stream habitat, &
- Leading the way on Clean Water Policy.





# Public Private Partnerships

- IIJA/BIL (most recent),
- AMLER (economic development w/ restoration),
- SMCRA (historic),
- Rosebud Mining (St. Michaels & Ehrenfeld), &
- GenOn.





# FPW As A Policy Leader

- Convening of SMCRA leadership,
- 2006 SMCRA reauthorization (off-budget),
- Congressional Testimony for AMLER,
- Congressional Testimony for OM&R,
- Congressional Testimony for IIJA/BIL, &
- State-level funding advocacy.





# GenOn

- Watershed is approximately 315mi<sup>2</sup>,
- Total stream miles 45 miles,
- Approximately 35 miles impaired,
- Warm Water Fishery,
- CWF for tribs with some HQ and EV,
- Lost fishing revenues ~\$500,000/yr,
- 2008 study identified 7 discharges within the Little Conemaugh that caused 89% of the pollution, &
- Build on upstream investments including \$31M treatment system (largest source of pollution).

Source: DEP Draft HUP



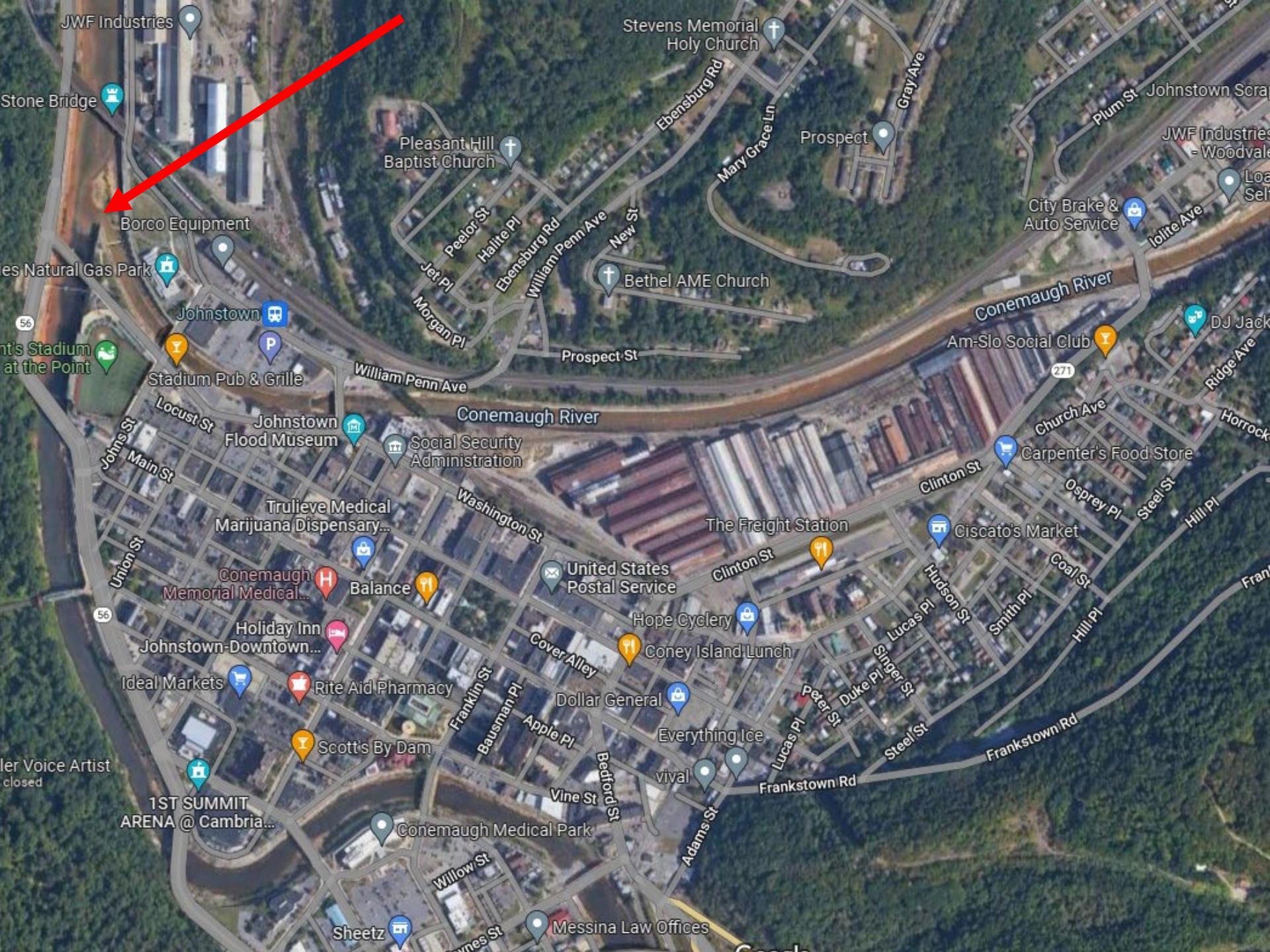
# The Super 7 or Sinful 7

Rank	Site	Load(lbs/day)	% of Total
1 <span style="color:red">✖</span>	St. Michael	31,141	29.2%
2 <span style="color:yellow">★</span>	Sulfur Creek	11,418	10.71%
3	Trout Run	14,301	13.41%
4 <span style="color:red">✖</span>	Ehrenfeld	12,742	11.94%
5	Sonman	10,370	9.72%
6	Hughes Borehole	8,318	7.79%
7	Beaverdale	6,755	6.33%



# Objectives

- Leverage \$26M,
- Get 27 miles of stream to a Tier II restoration,
- Digitize mine maps (74 mines),
- Leverage \$10M investment in the Stonycreek,
- Utilize a scientific approach ensuring desired outcomes, &
- Revitalize impacted communities while developing a replicable model.



JWF Industries

Stone Bridge

Borco Equipment

es Natural Gas Park  
nt's Stadium at the Point

Johnstown

Stadium Pub & Grille

Locust St  
Johns St  
Main St  
Union St

Trulieve Medical  
Marijuana Dispensary...

Conemaugh  
Memorial Medical...

Holiday Inn

Johnstown-Downtown...

Ideal Markets

Rite Aid Pharmacy

Scott's By Dam

1ST SUMMIT  
ARENA @ Cambria...

ler Voice Artist  
closed

Conemaugh Medical Park

Sheetz

Messina Law Offices

Pleasant Hill  
Baptist Church

Stevens Memorial  
Holy Church

Peelor St  
Haltie Pl  
Ebensburg Rd  
William Penn Ave  
New St  
Morgan Pl

Gray Ave  
Mary Grace Ln

Prospect

Bethel AME Church

City Brake &  
Auto Service

Am-Slo Social Club

JWF Industries  
- Woodvale

Loa  
Sel

Plum St  
Johnstown Scr

luite Ave

DJ Jack

Ridge Ave

Conemaugh River

271

Church Ave  
Clinton St  
Carpenter's Food Store

Osprey Pl  
Steel St

Hill Pl

Ciscato's Market  
Coal St

Hudson St  
Lucas Pl

Smith Pl  
Peter St

Duke Pl  
Lucas Pl

Steel St  
Frankstown Rd

The Freight Station

Clinton St

Hope Cyclery  
Coney Island Lunch

Cover Alley

United States  
Postal Service

Dollar General

Everything Ice

vival

Frankstown Rd

Adams St

Bedford St

Vine St

Willow St

Yunes St

Sheetz

Messina Law Offices

Google

# Build Upon Gains



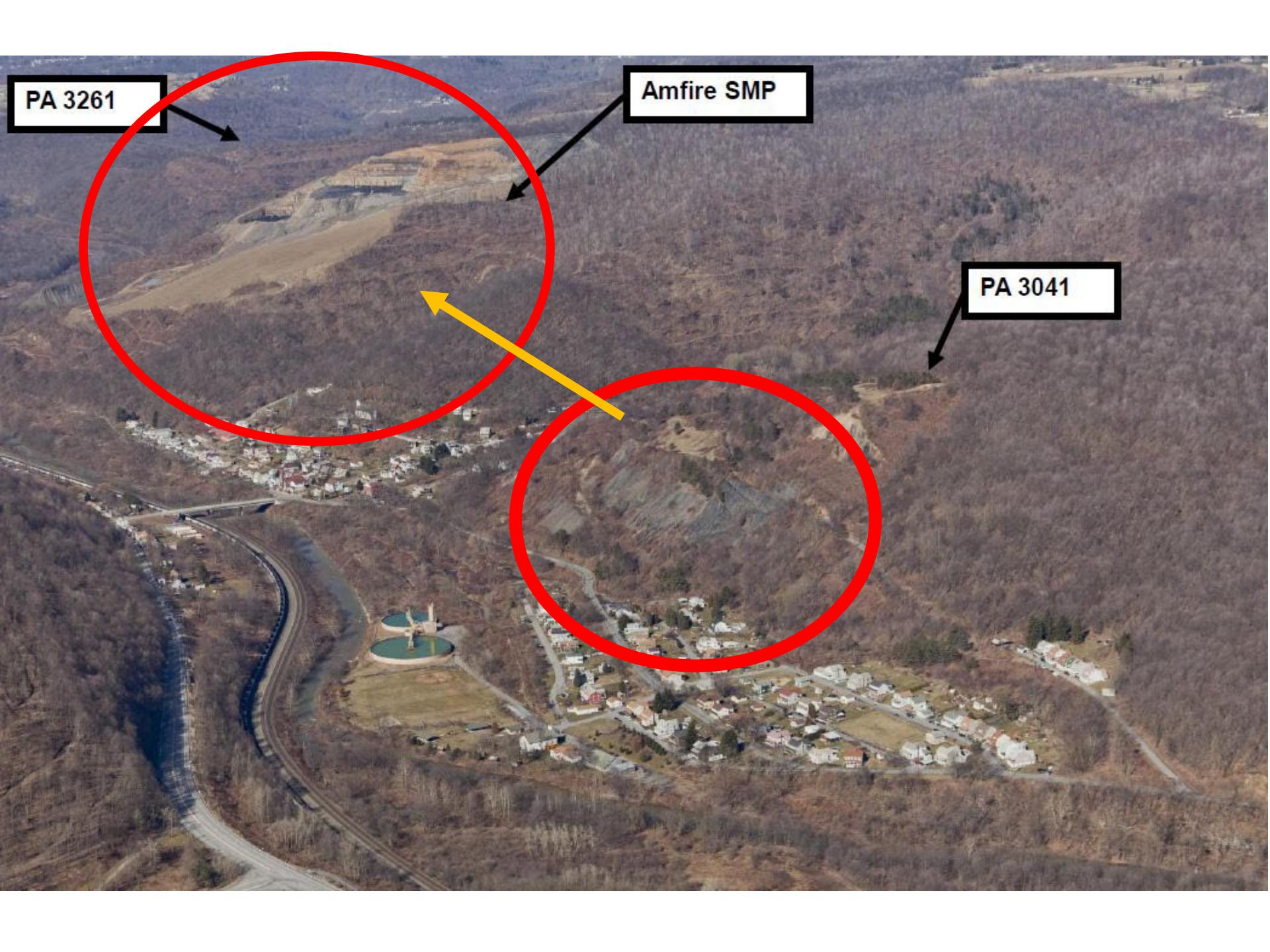
# Status

- \$180,000 exploratory drilling contract,
- Acquired approx. 65 acres for construction,
- Negotiating 5-acre easement for valve vault,
- Exploring subsidence zone,
- Stream reconstitution,
- Preliminary design for water (well) replacement,
- Exploratory work for sludge disposal,
- USACE work for RR grade removal,
- Valuation/credits for wetlands,
- Incentivize refuse removal at Miller Shaft/Trout Run,
- Leveraging nearly \$26M of state/federal funds, &
- Implementing a strategy that will restore 12 stream miles and enhance 15 more.



# Ehrenfeld

- 3.2M tons of material,
- 160 acres reclaimed,
- \$27M contract,
- 40 workers called back,
- \$100,000 in private funds,
- \$500,000 in Growing Greener funds,
- AMLER \$3.5M & balance SMCRA,
- Site dedication included Secretary Jewell,
- Restores 45% of Ehrenfeld's developable land,
- Augments recreational development, &
- Reduced stormwater impacts.



PA 3261

Amfire SMP

PA 3041







Stineman  
AMLER

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Imagery Date: 9/26/2019 40°21'34.60" N 78°47'24.34" W elev 1538 ft eye

Google



Stineman  
AMLER

# Our Vision

A better future for Pennsylvania

