

# Enhancing Clean Water Policy & Problem Solving



Foundation for Pennsylvania Watersheds

# Who Is FPW?

- 1994 Heinz Endowments,
- Philanthropic,
- Regranting,
- 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

- IJIA/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 IJA/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 tribes 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

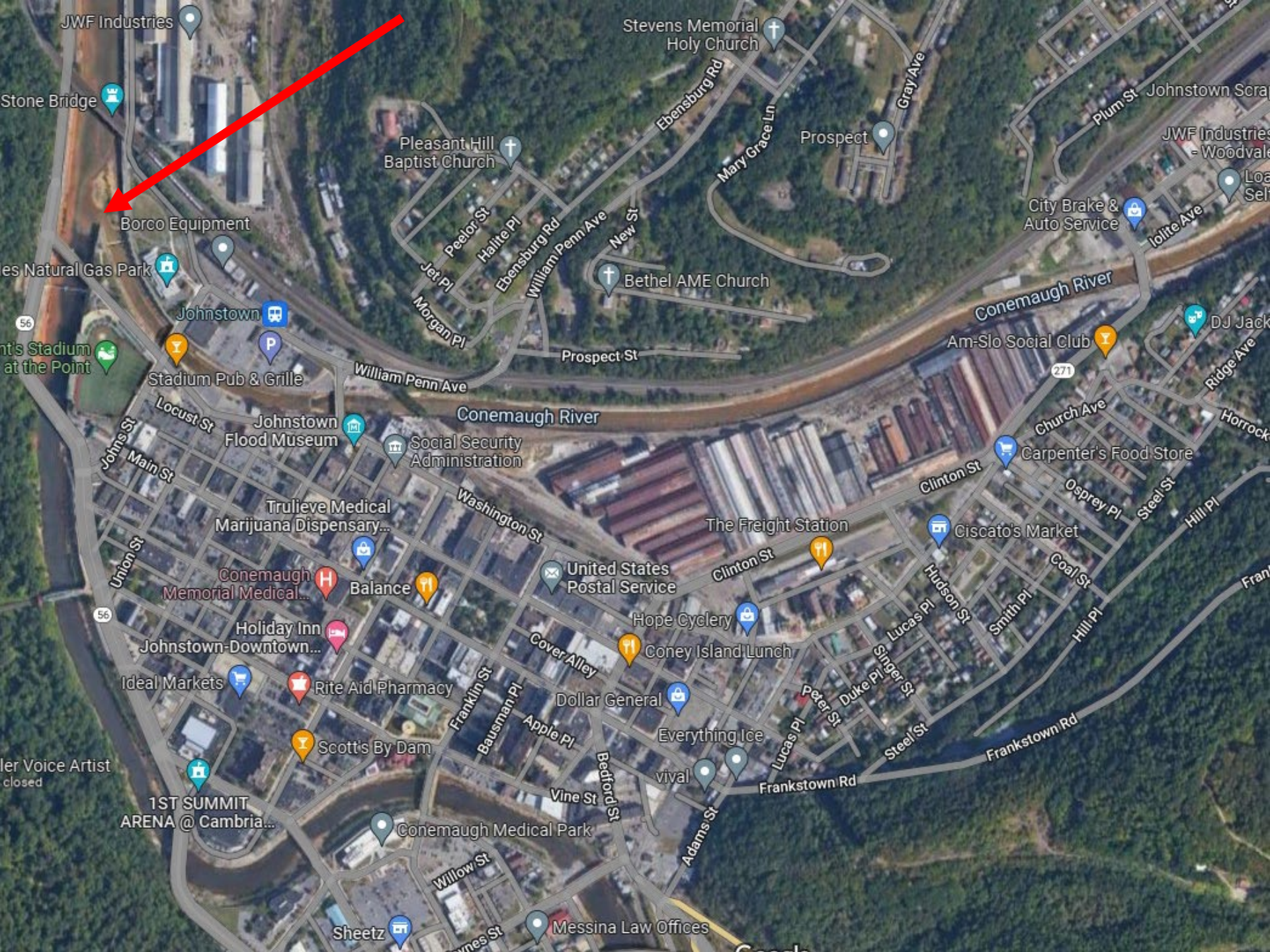
# The Super 7 or Sinful 7

Rank	Site	Load(lbs/day)	% of Total
1 ✖	St. Michael	31,141	29.2%
2 ★	Sulfur Creek	11,418	10.71%
3	Trout Run	14,301	13.41%
4 ✖	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

Stevens Memorial Holy Church

Pleasant Hill Baptist Church

Prospect

Borco Equipment

es Natural Gas Park

Johnstown

Bethel AME Church

City Brake & Auto Service

JWF Industries - Woodvale

nt's Stadium at the Point

Stadium Pub & Grille

Conemaugh River

Johnstown Flood Museum

Conemaugh River

Social Security Administration

Trulieve Medical Marijuana Dispensary...

The Freight Station

Conemaugh Memorial Medical...

Balance

United States Postal Service

Carpenter's Food Store

Holiday Inn Johnstown-Downtown...

Hope Cyclery

Coney Island Lunch

Ideal Markets

Rite Aid Pharmacy

Dollar General

Ciscato's Market

1ST SUMMIT ARENA @ Cambria...

Conemaugh Medical Park

Vine St

Everything Ice

Steel St

Franktown Rd

Sheetz

Messina Law Offices

DJ Jack

Am-Slo Social Club

Church Ave

Osprey Pl

Coal St

Hill Pl

Horrock

Frank

ler Voice Artist closed

# 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

© 2020 Google

Goog

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



Stineman  
AMLER

# Our Vision

A better future for Pennsylvania

