



TERRADON

AML PROJECTS FOR 2023

# Joe Saunders: AML Director

## Steve Chapman: Project Lead

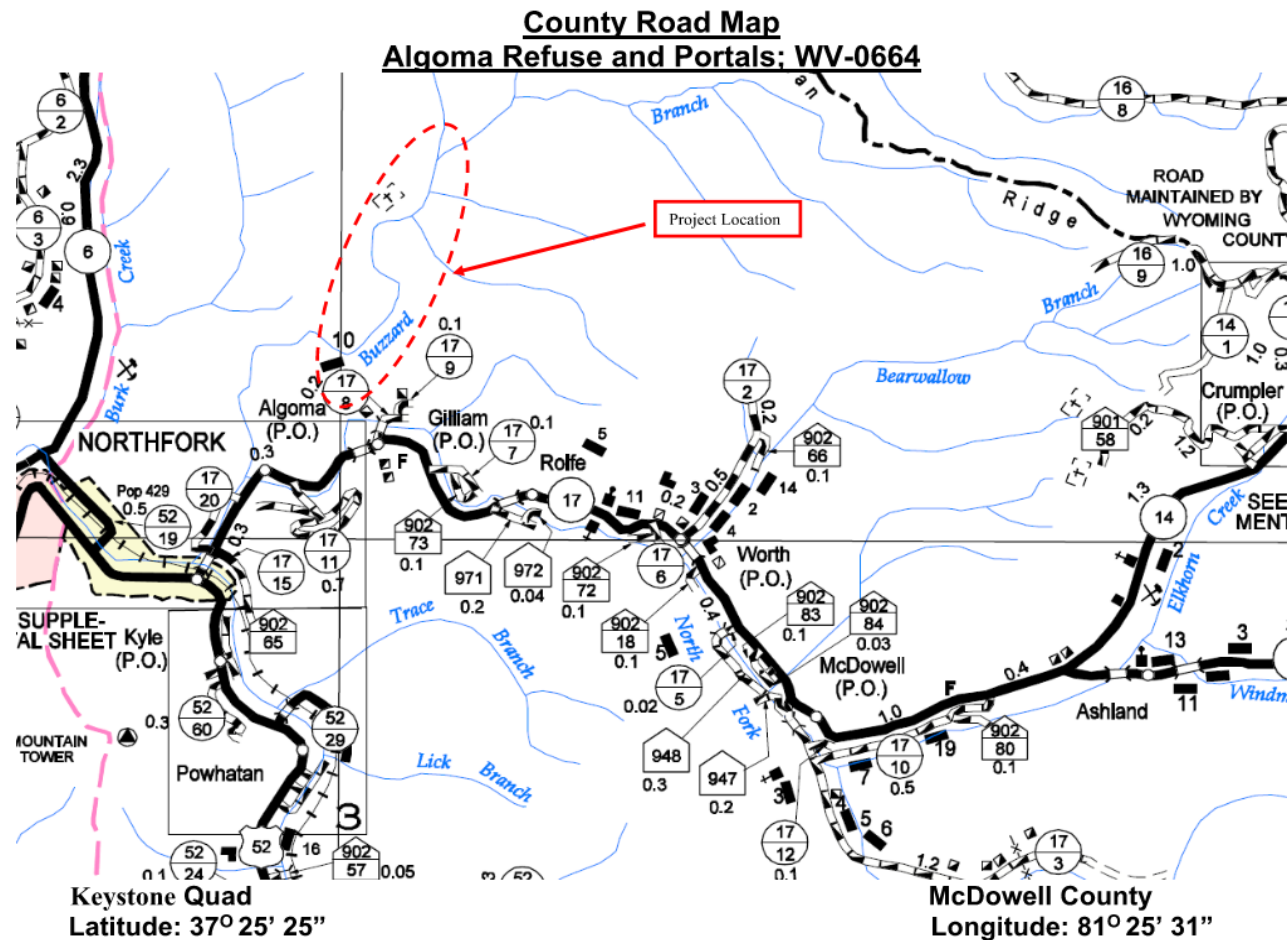
- Algoma Refuse and Portals
- Greenbrier Hollow Refuse (Phase II)
- Drews Creek Dangerous Impoundment
- Crany Mine Dump (Phase II)

## Scott Browning: Project Lead

- Gilliam Refuse Pile
- Crumpler (Scott) Draining Portal
- Indian Creek (Dillon) Portals

# ALGOMA REFUSE AND PORTALS

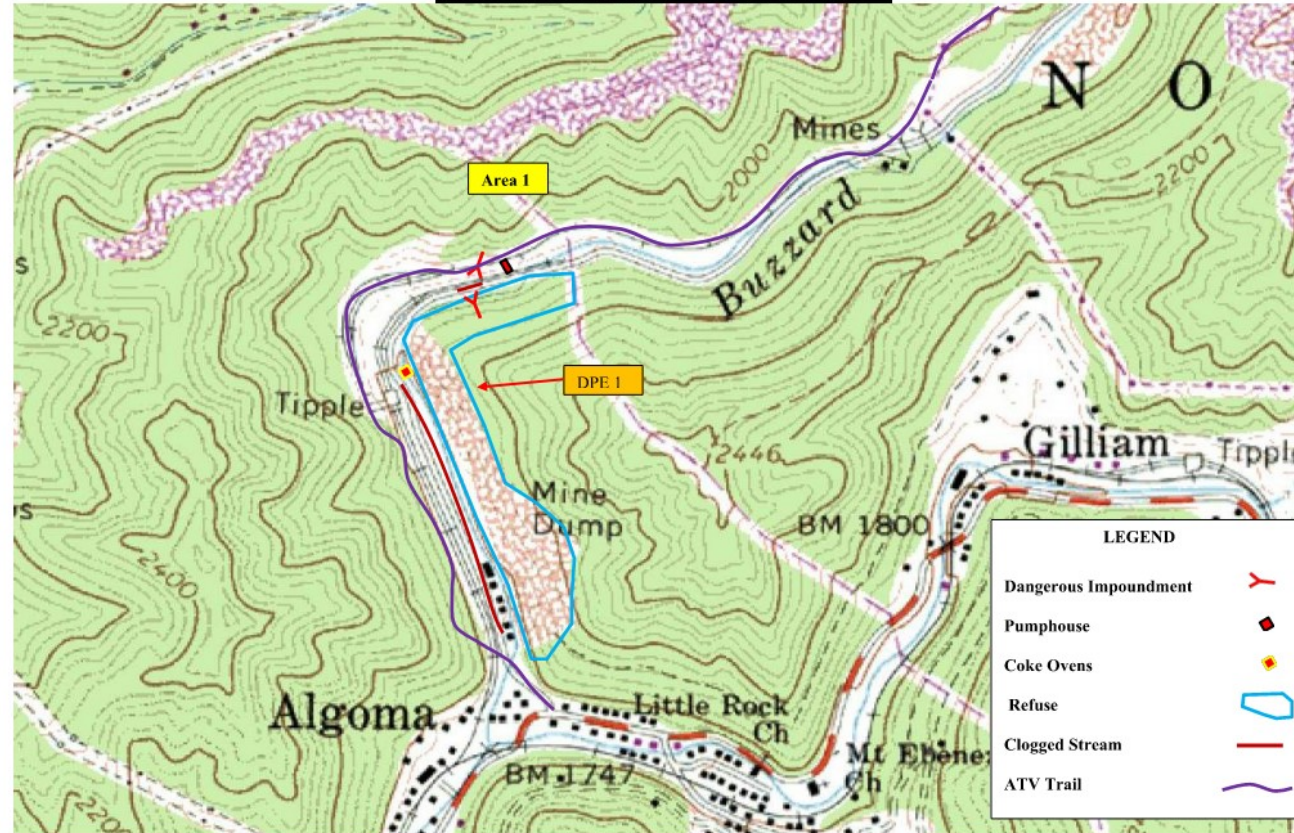
- LOCATED NEAR THE TOWN OF ALGOMA IN MCDOWELL COUNTY
- HAS A BUDGET OF \$6.1M
- BROKEN UP INTO 4 MAJOR AREAS



# AREA #1

- 2 HEAVILY DRAINING DANGEROUS IMPOUNDMENTS
- 1 DANGEROUS STRUCTURE (PUMPHOUSE)
- 1 REFUSE PILE – 16AC AREA
- 2 CLOGGED STREAM AREAS

Area 1 Location Map  
Algoma Refuse Piles; WV-0664



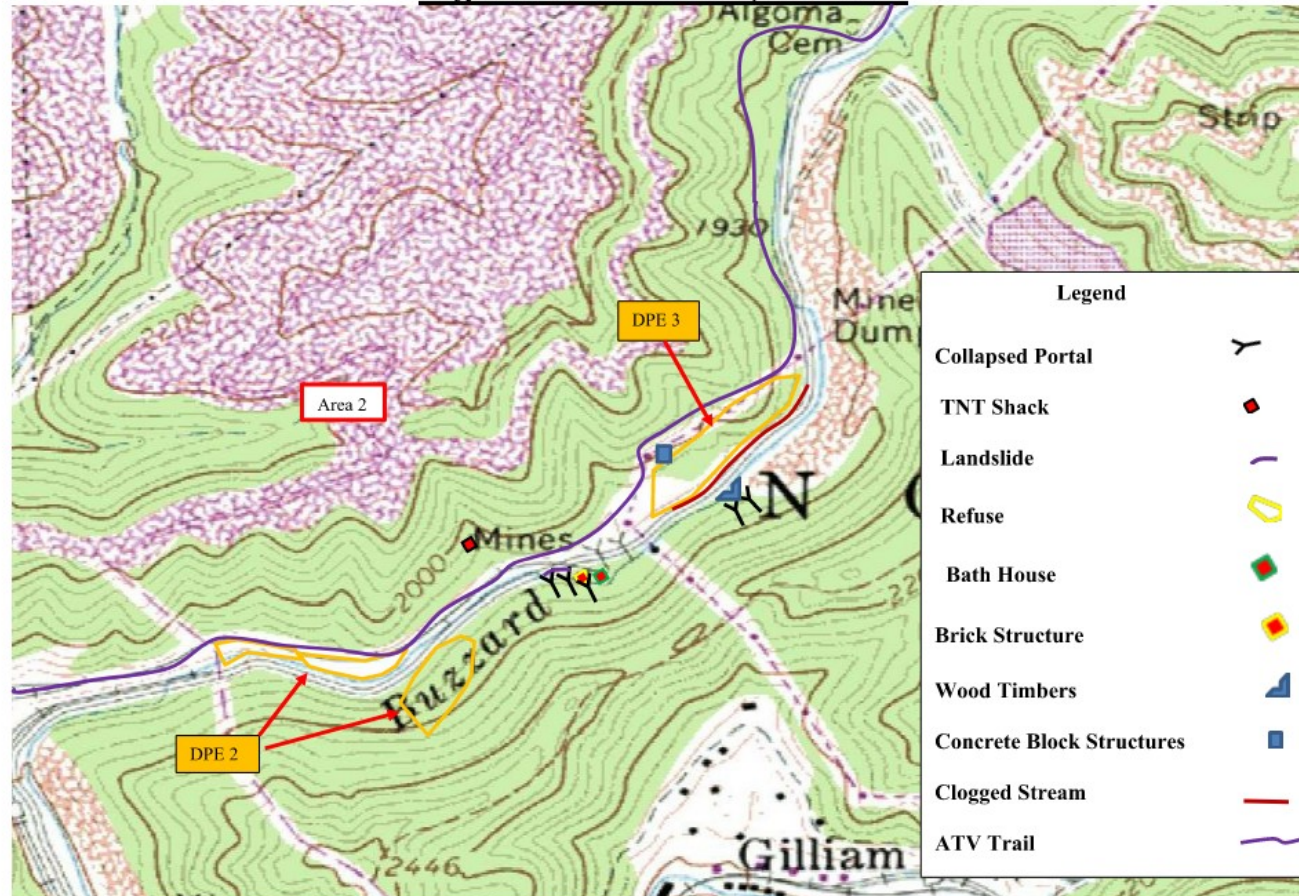
Keystone Quad  
Latitude: 37° 25' 25"

McDowell County  
Longitude: 81° 25' 31"

# AREA #2

- 3 OPEN PORTALS 1 DRAINING 2 DRY
- 4 STRUCTURES NEEDING TORN DOWN
- 2 REFUSE PILES – 5 AC. AREA
- 1 CLOGGED STREAM AREA

**Area 2 Location Map**  
**Algoma Refuse Piles; WV-0664**



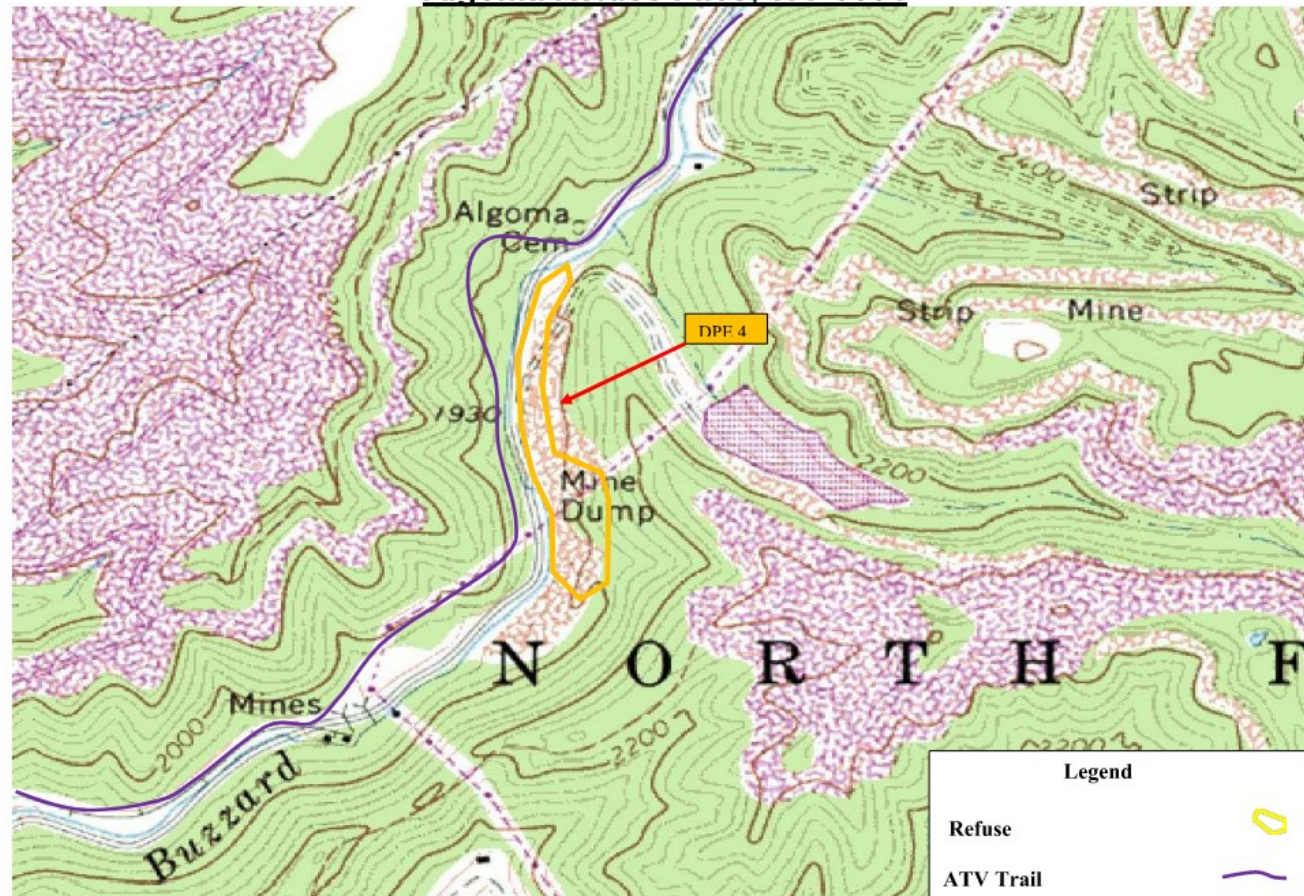
Keystone Quad  
Latitude: 37° 25' 25"

McDowell County  
Longitude: 81° 25' 31"

# AREA #3

- 3 OPEN PORTALS 1 DRAINING 2 DRY
- 4 STRUCTURES NEEDING TORN DOWN
- 1 REFUSE PILE – 7AC. AREA

**Area 3 Location Map**  
**Algoma Refuse Piles; WV-0664**



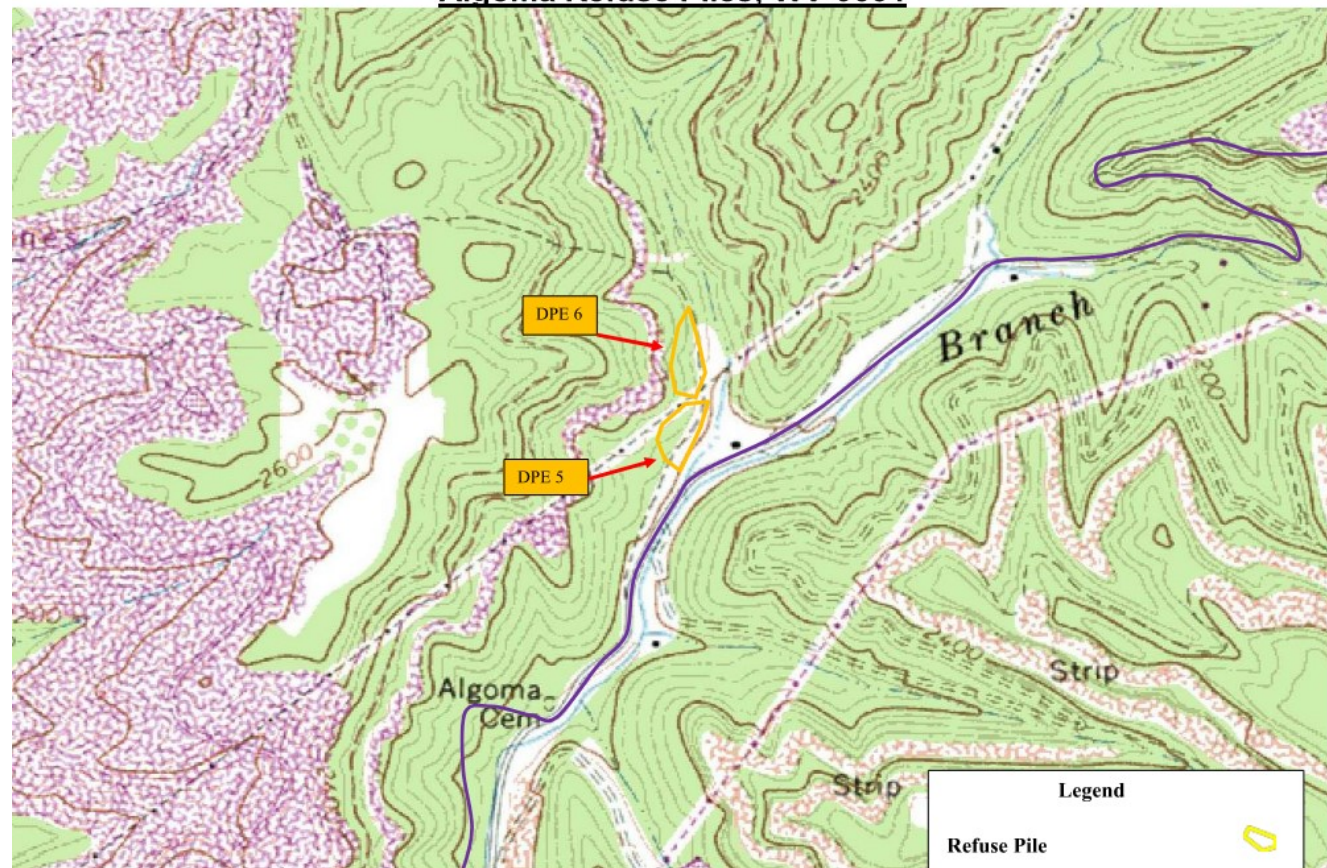
Keystone Quad  
Latitude: 37° 25' 25"

McDowell County  
Longitude: 81° 25' 31"

# AREA #4

- 2 REFUSE PILES – 0.7AC TOTAL AREA

**Area 4 Location Map**  
**Algoma Refuse Piles; WV-0664**

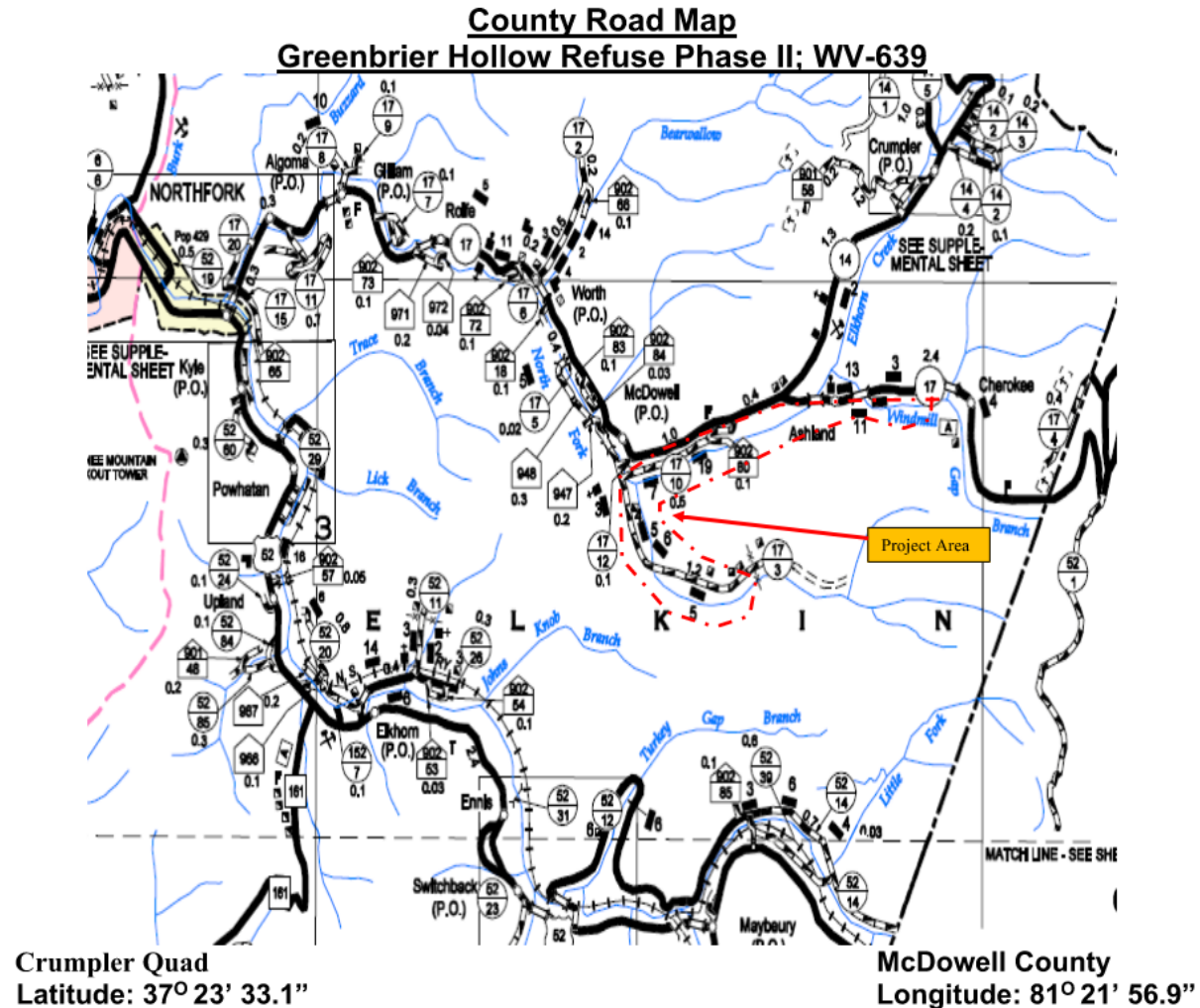


Keystone Quad  
Latitude: 37° 25' 25"

McDowell County  
Longitude: 81° 25' 31"

# GREENBRIER HOLLOW REFUSE (PHASE II)

- LOCATED NEAR THE TOWN OF MCDOWELL IN MCDOWELL COUNTY
- HAS A BUDGET OF \$1.6M
- BROKEN UP INTO 2 MAJOR AREAS (BENCH AND REFUSE AREA)

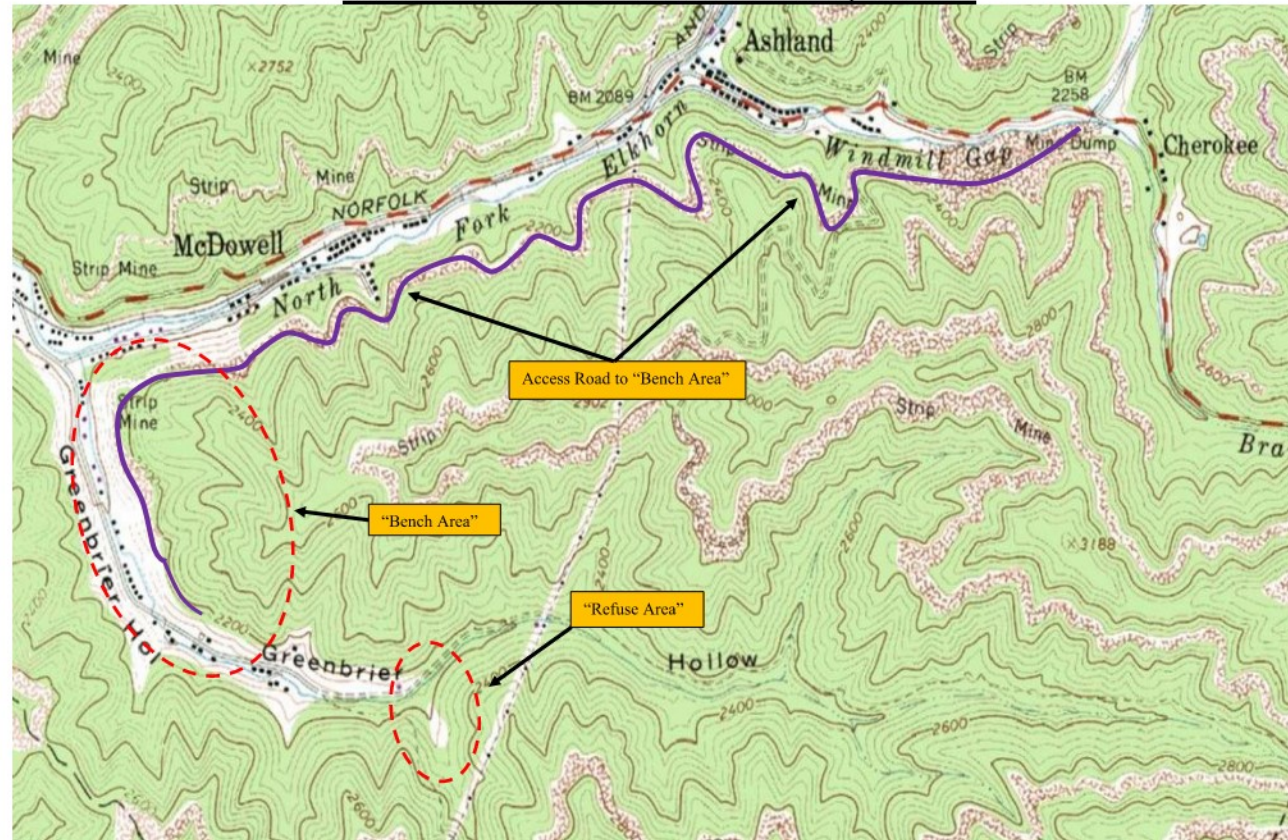




# REFUSE AREA

- 1 REFUSE PILE - 3AC. TOTAL
- 3 DANGEROUS IMPOUNDMENTS WORST ONE FLOWING AT AN ESTIMATED 50GPM
- 3 OPEN PORTALS (ALL DRY)
- 5 STRUCTURES NEEDING TORN DOWN

**Project Location Map**  
**Greenbrier Hollow Refuse Phase II; WV-639**



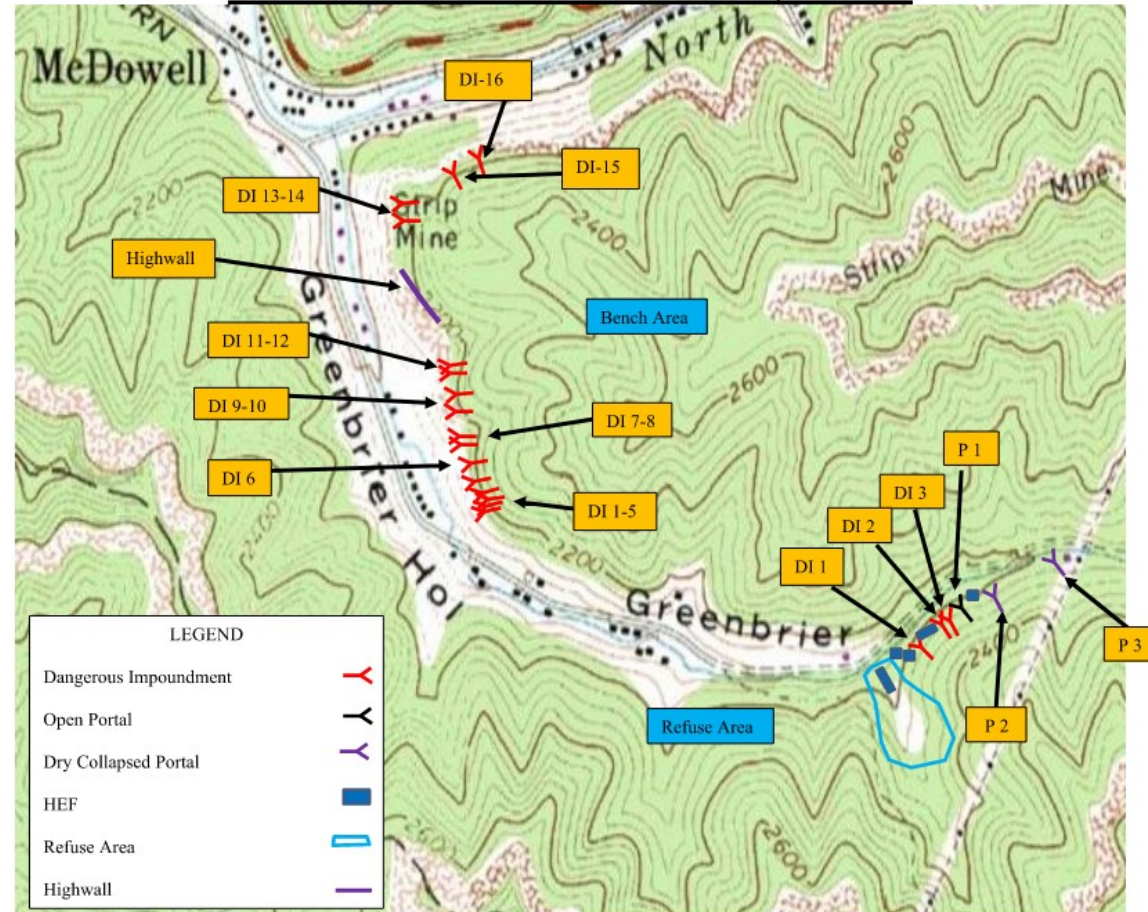
**Crumpler Quad**  
**Latitude: 37° 23' 33.1"**

**McDowell County**  
**Longitude: 81° 21' 56.9"**

# BENCH AREA

- 16 DANGEROUS IMPOUNDMENTS WORST ONE FLOWING AT 50+GPM
- 1 HIGHWALL AREA 50-60' HIGH

**Feature Location Map**  
**Greenbrier Hollow Refuse Phase II; WV-639**



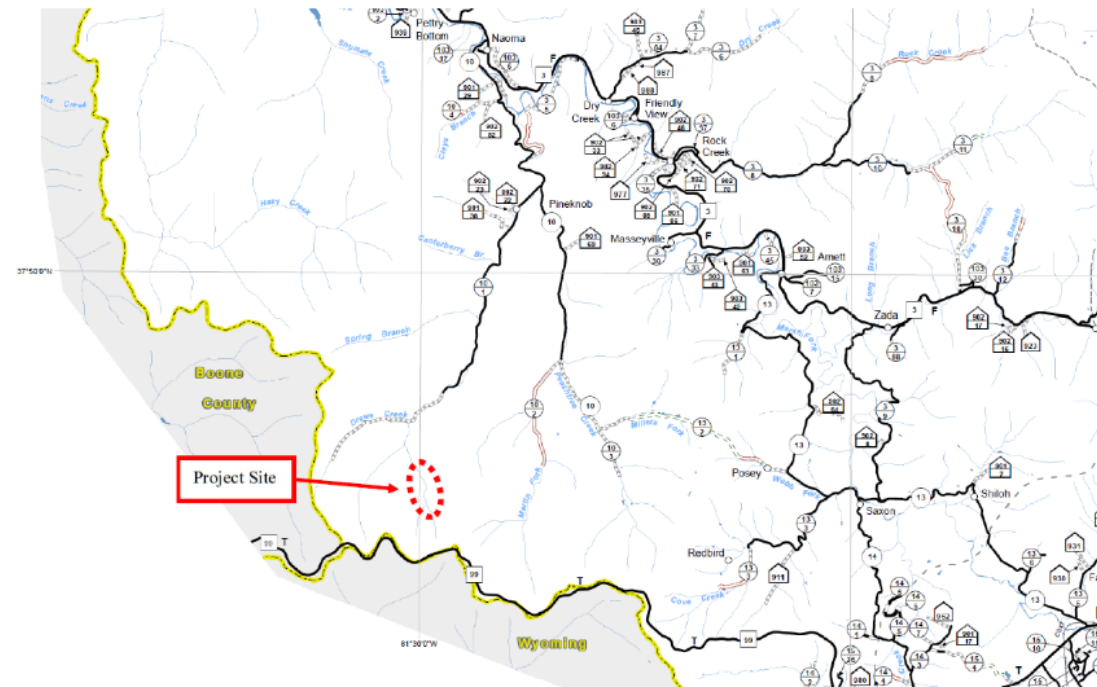
**Crumpler Quad**  
**Latitude: 37° 23' 33.1"**

**McDowell County**  
**Longitude: 81° 21' 56.9"**

# DREWS CREEK DANGEROUS IMPOUNDMENT

- LOCATED NEAR THE TOWN OF NAOMA IN RALEIGH COUNTY
- HAS A BUDGET OF \$271,000
- 1 MAJOR AREA OF CONCERN

Highway Map  
Drews Creek Dangerous Impoundment; WV-6872



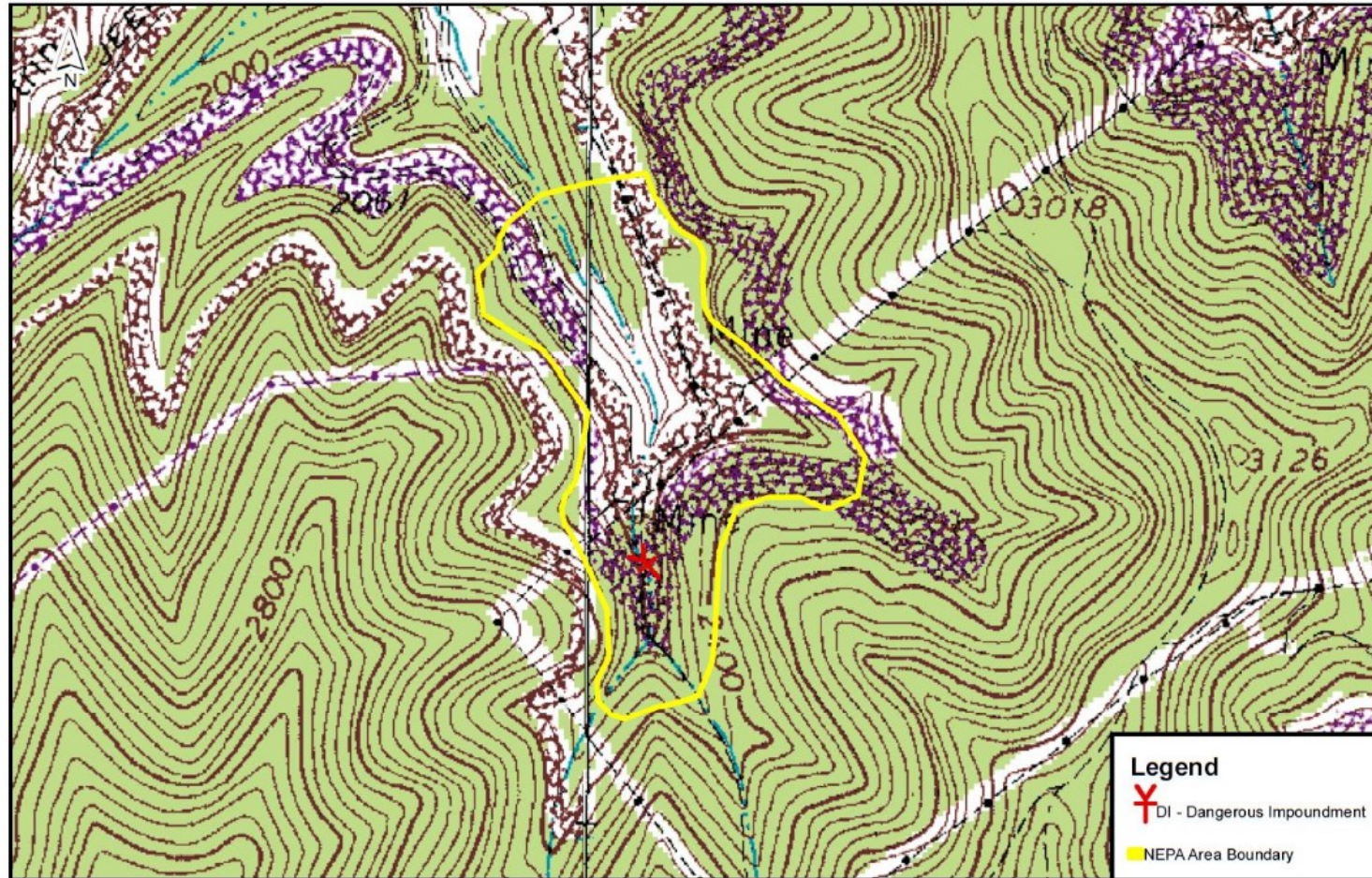
Pilot Knob & Arnett Quads  
Latitude: 37° 47' 52.7" N

Raleigh County  
Longitude: 81° 29' 54.3" W

# DANGEROUS IMPOUNDMENT

- CLOGGED WET SEAL PRODUCING 150 GPM+
- WATER COMING OUT 7' ABOVE THE OUTLET PIPES

NEPA Area Location Map  
Drews Creek Dangerous Impoundment; WV-6872



Pilot Knob & Arnett Quads  
Latitude: 37° 47' 52.7" N

1 inch = 600 feet  
0 310 620 1,240 Feet

Raleigh County  
Longitude: 81° 29' 54.3" W

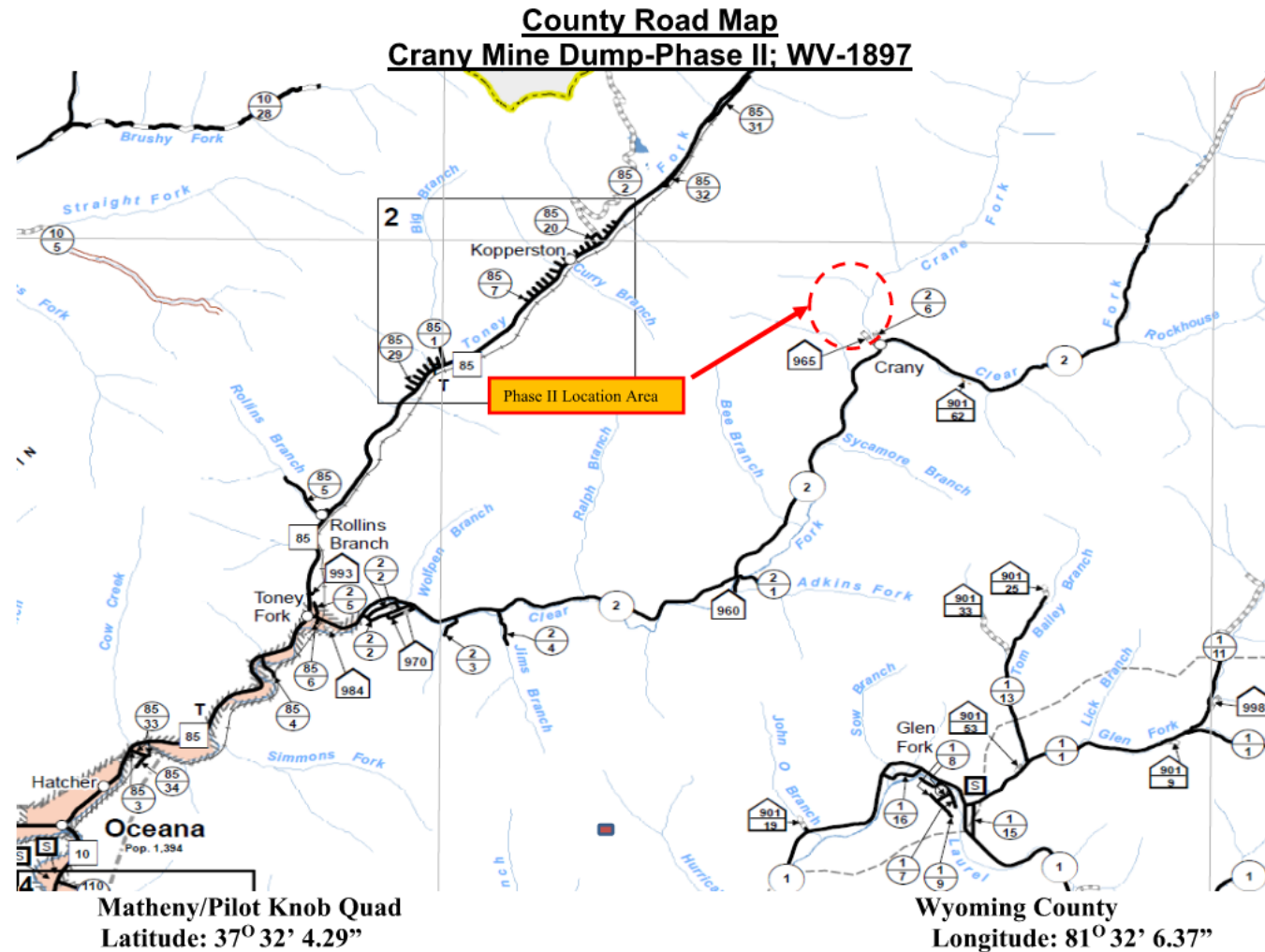
## DANGEROUS IMPOUNDMENT

- BORING BENCH TO BE CONSTRUCTED ABOVE SITE
- PIEZOMETER TO BE INSTALLED
- DEWATERING OF MINE WORKS BEFORE NEW WET SEAL CAN BE CONSTRUCTED.



# CRANY MINE DUMP (PHASE II)

- LOCATED NEAR THE TOWN OF KOPPERSTON IN WYOMING COUNTY
- HAS A BUDGET OF \$414,125
- 1 MAJOR AREA OF CONCERN



# DANGEROUS PILE AND EMBANKMENT

- 10 AC. PREVIOUSLY RECLAIMED REFUSE PILE
- RECLAMATION WORK REQUIRED TO RETURN SITE TO ACCEPTABLE CONDITION

**Location Map**  
**Crary Mine Dump-Phase II; WV-1897**

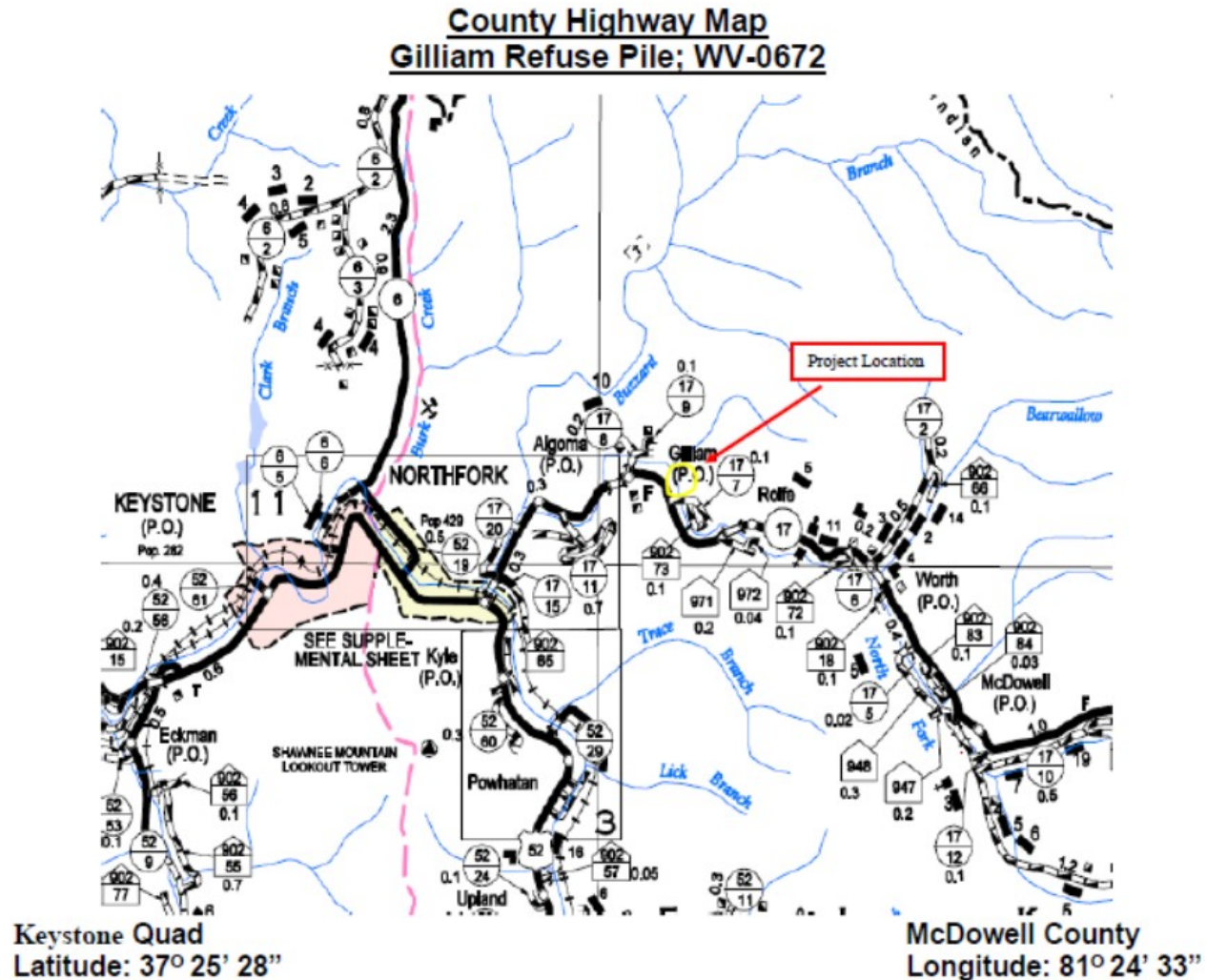


**Matheny/Pilot Knob Quad**  
**Latitude: 37° 32' 4.29"**

**Wyoming County**  
**Longitude: 81° 32' 6.37"**

# GILLIAM REFUSE PILE

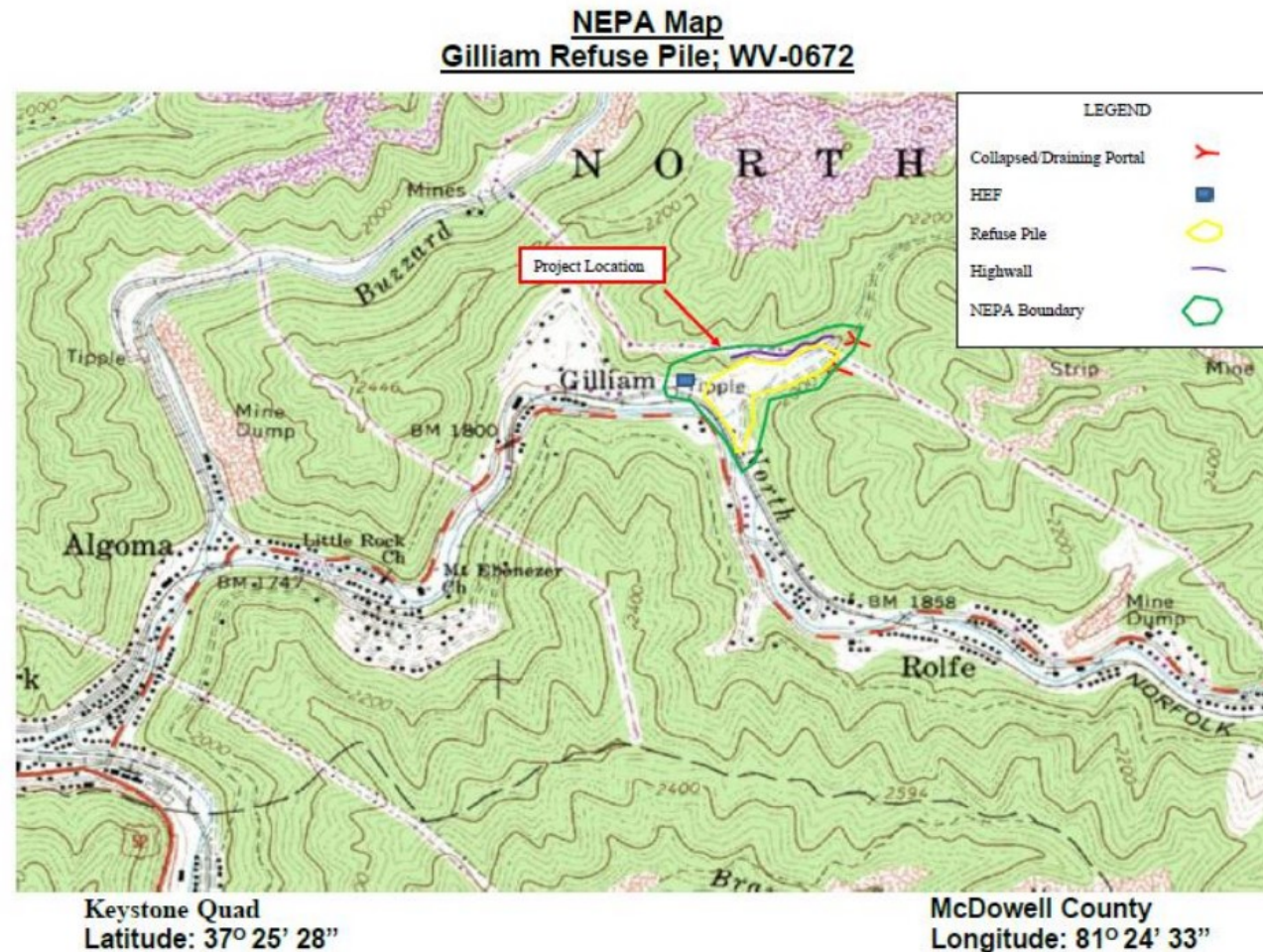
- LOCATED NEAR THE TOWN OF ALGOMA IN MCDOWELL COUNTY
- HAS A BUDGET OF \$348,500
- 5 SITES TOTAL





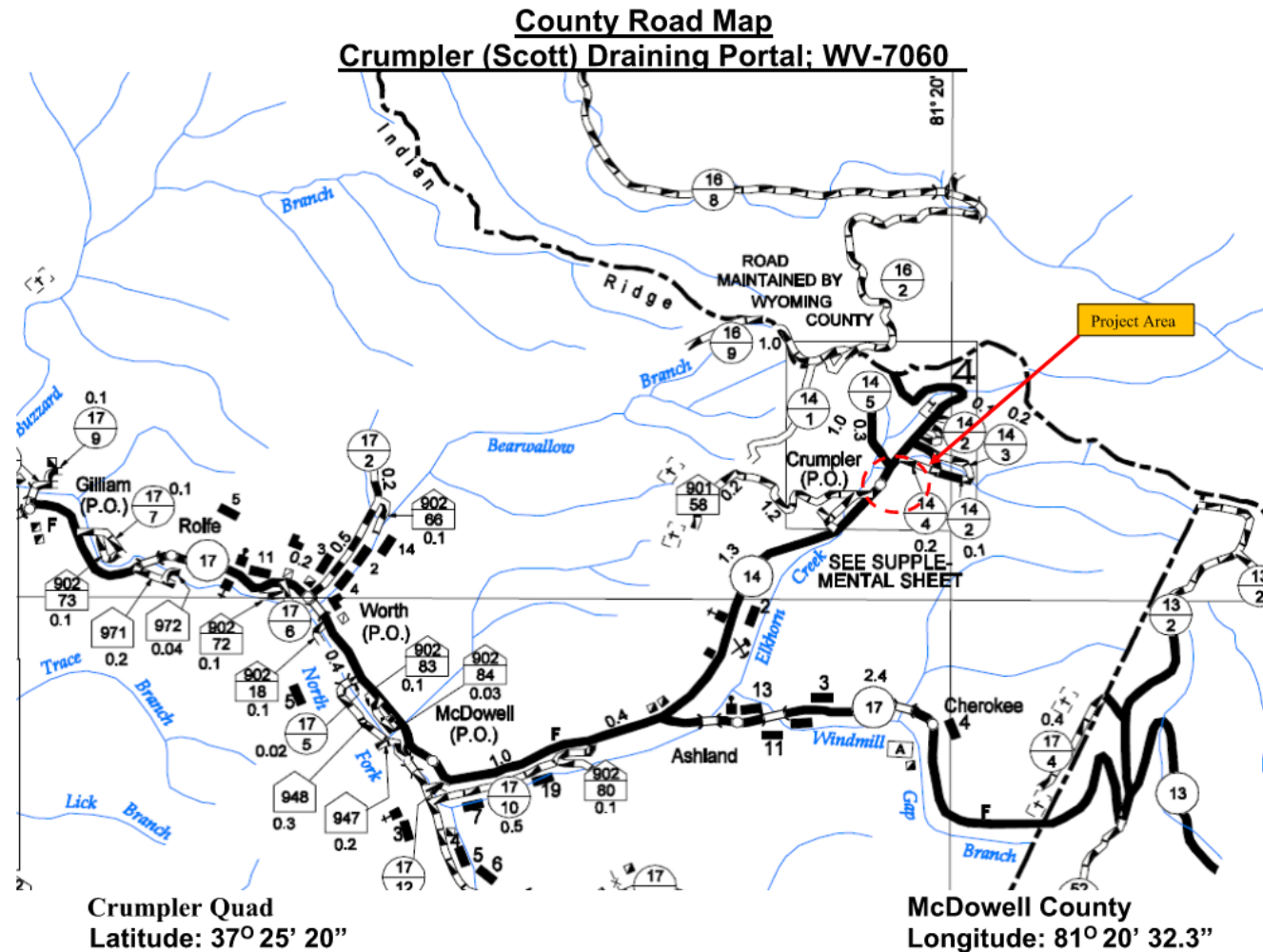
# GILLIAM SITES

- 1 REFUSE PILE APPROX. 6.5AC.
- 1 DANGEROUS STRUCTURE TO BE TORN DOWN
- 2 DANGEROUS IMPOUNDMENTS BOTH DRAINING
- 1 HIGHWALL APPROXIMATE 500' IN LENGTH



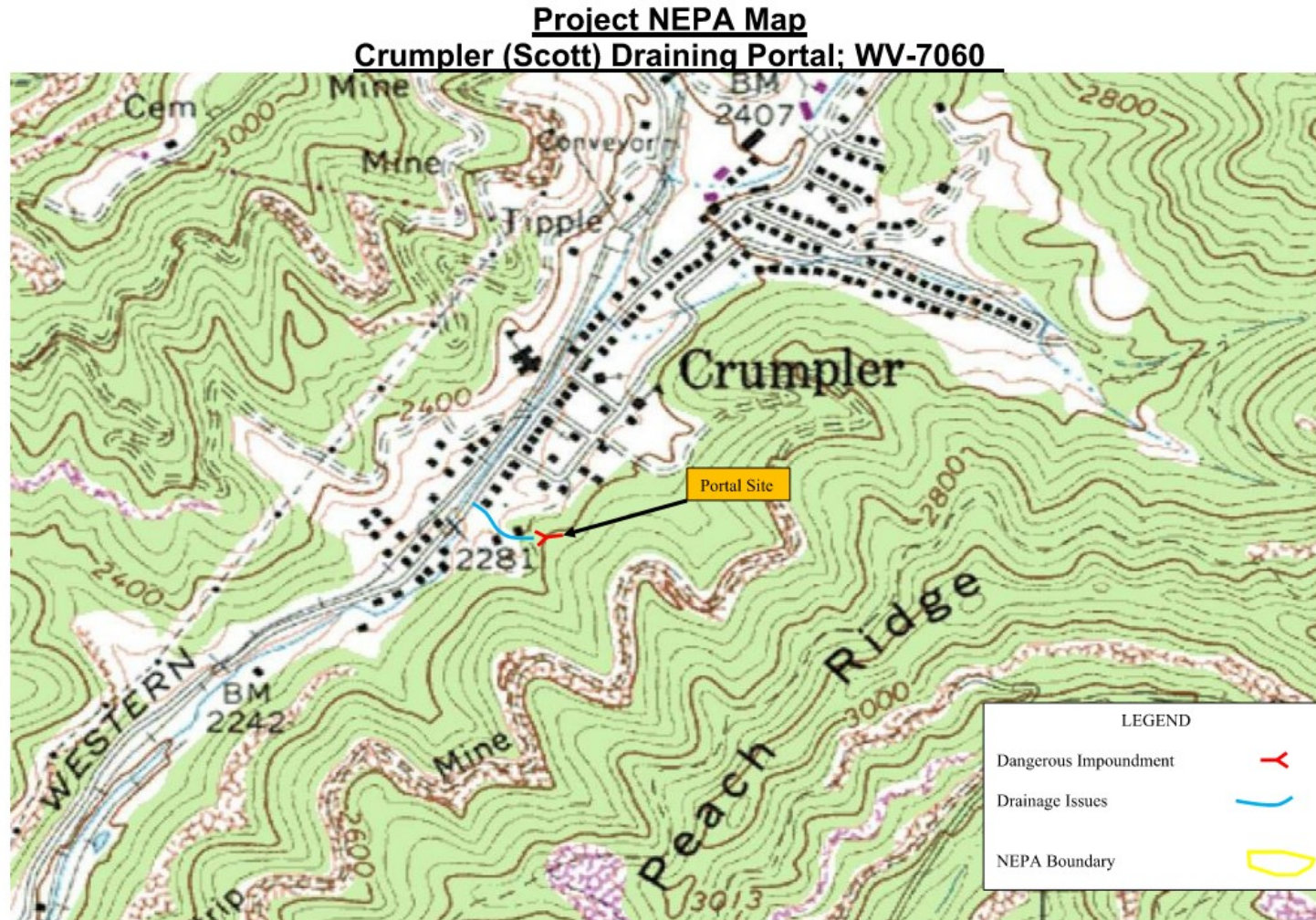
# CRUMPLER (SCOTT) DRAINING PORTAL

- LOCATED NEAR THE TOWN OF CRUMPLER IN MCDOWELL COUNTY
- HAS A BUDGET OF \$60,406
- 1 SITE TOTAL



# CRUMPLER DRAINING PORTAL

- 1 COLLAPSED DRAINING PORTAL APPROX. 200+GPM.

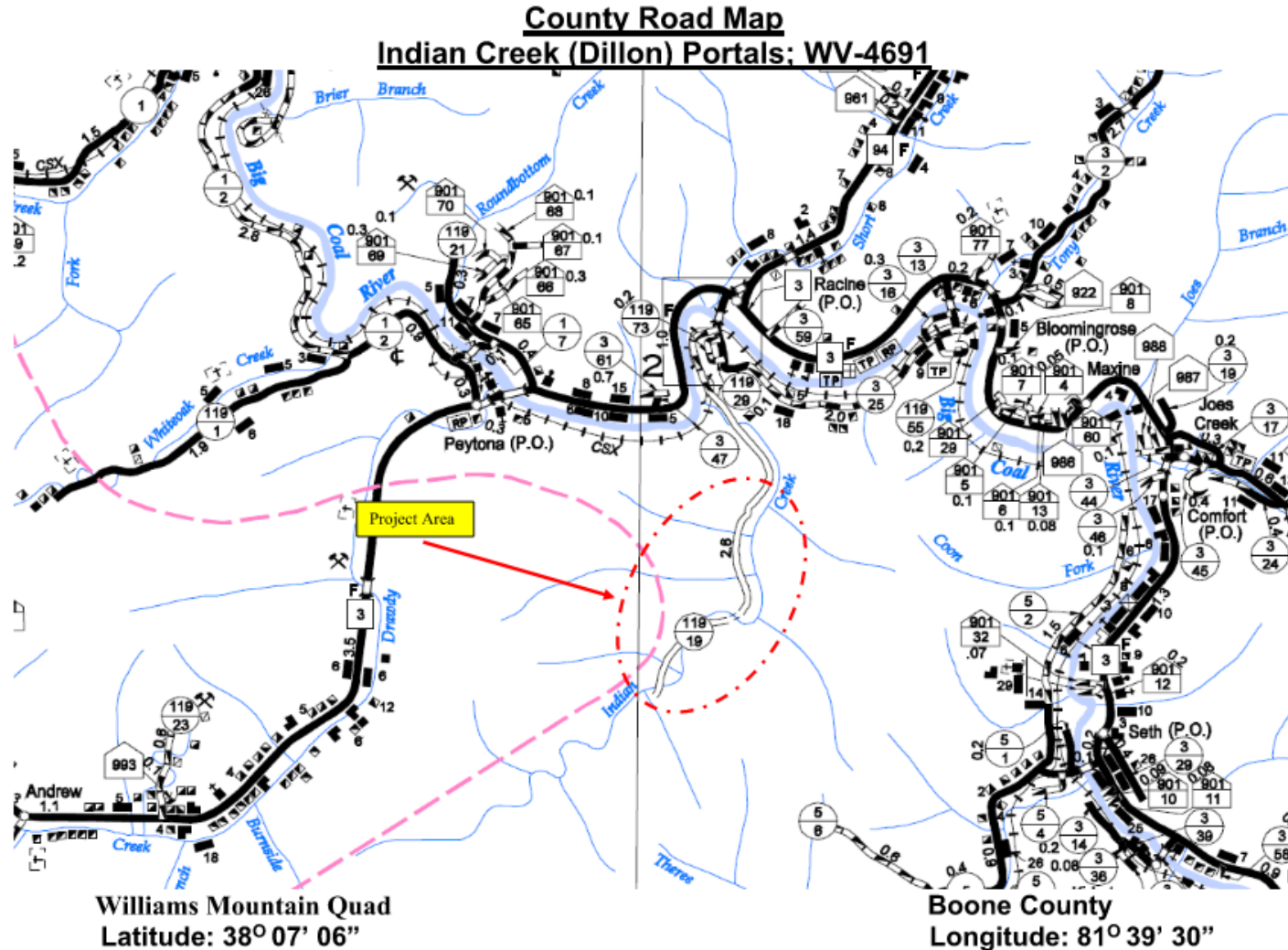


**Crumpler Quad**  
**Latitude: 37° 25' 20"**

**McDowell County**  
**Longitude: 81° 20' 32.3"**

# INDIAN CREEK (DILLON) PORTALS

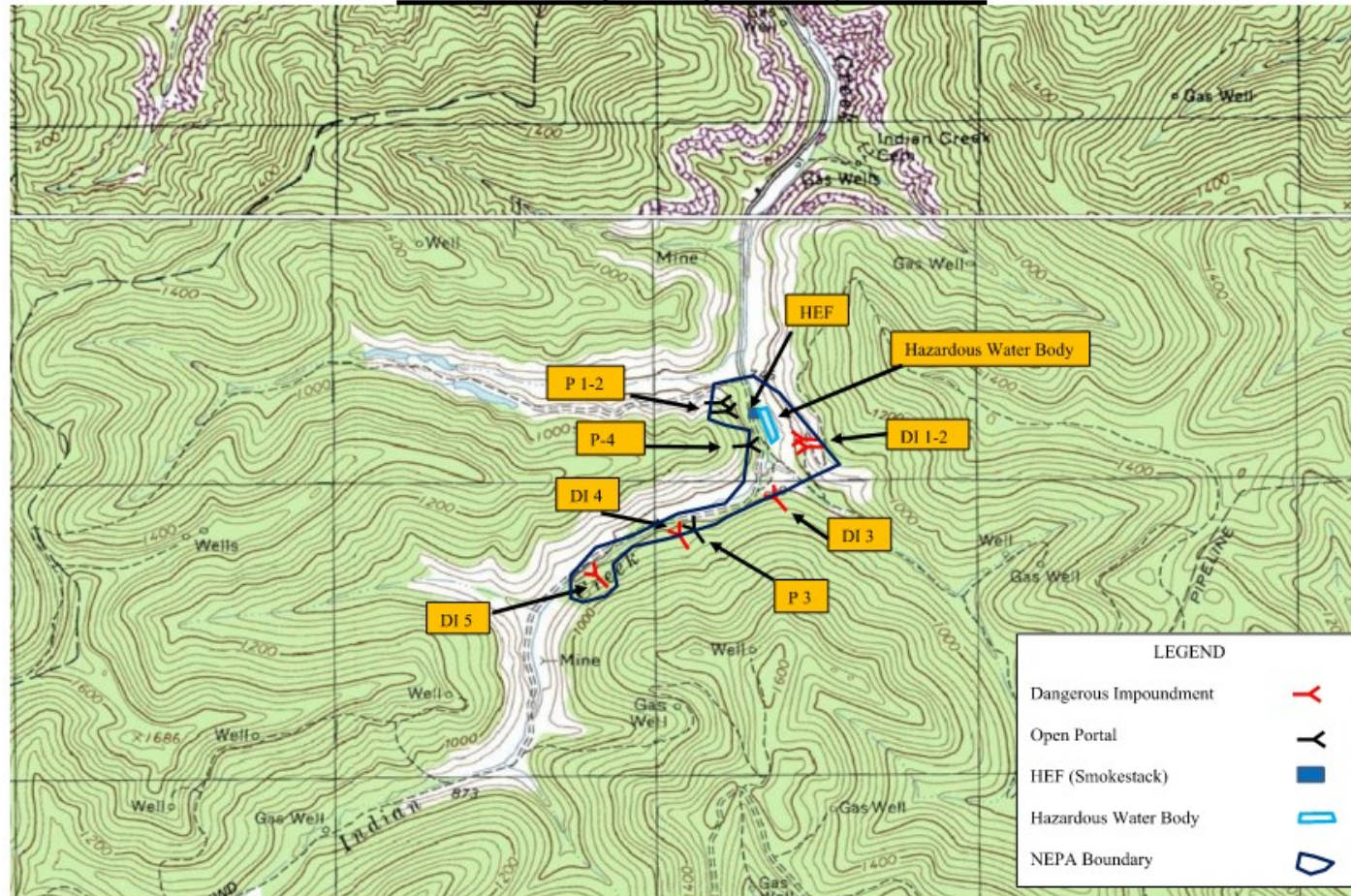
- LOCATED NEAR THE TOWN OF RACINE IN BOONE COUNTY
- HAS A BUDGET OF \$246,513
- 1 AREA



# INDIAN CREEK PORTALS

- 4 PORTALS
- 5 DANGEROUS IMPOUNDMENTS
- 1 DANGEROUS STRUCTURE TO BE TORN DOWN
- 1 HAZARDOUS WATER BODY APPROX. 0.48 AC. IMPOUNDING A 3-4' DEEP POOL OF WATER.

**Project Location Map**  
**Indian Creek (Dillon) Portals; WV-4691**



**Williams Mountain Quad**  
**Latitude: 38° 07' 06"**

**Boone County**  
**Longitude: 81° 39' 30"**