Dora No.8 Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Dora No.8 Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Dora No.8 Mine
Mining Areas, Watersources and RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Dunkard No.2 Mine
Mining Areas and Overburden Contours

Map Key
- Overburden Contour
- Pillar Recovery

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Dunkard No.2 Mine
Mining Areas, Watersources and RPZ

Map Key
- ○ Watersources with no reported effects
- Pillar Recovery
- □ RPZ

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
C_55
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Dutch Run Mine
Mining Areas and Overburden Contours

Map Key
- Overburden Contour
- Room-and-Pillar
Dutch Run Mine
Mining Areas, 200-ft Buffer and Structures

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Dutch Run Mine
Mining Areas, Watersources and RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Map Key
- Watersources with reported effects
- Watersources with no reported effects
- Room-and-Pillar
- RPZ

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Eighty-Four Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Eighty-Four
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Eighty-Four
Mining Areas, 200-ft Buffer and Structures
Eighty-Four Mining Areas, Watersources and RPZ

Map Key

- **Watersources with reported effects**
- **Watersources with no reported effects**

Prepared for: Pennsylvania Department of Environmental Protection (DEP)

Prepared by: University of Pittsburgh

Note: There are six watersources with reported effects that are far from mining and are not included here for display purposes.

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Emerald Mine
Mining Areas, Major Roads and Streams

Map Key
- Highways
- Streams
- State Roads
- Longwall Panel
- Room-and-Pillar

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Emerald Mine
Mining Areas, 200-ft Buffer and Structures

Map Key

- **Yes** = Structures with reported effects
- **No** = Structures with no reported effects

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Emerald Mine
Mining Areas, Watersources and RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Enlow Fork Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Enlow Fork Mine
Mining Areas, 200-ft Buffer and Structures

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Genesis No.17 Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Genesis No. 17 Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Genesis No.17 Mine
Mining Areas, 200-ft Buffer and Structures

Map Key
- No=Structures with no reported effects
- Room-and-Pillar
- 200-ft Buffer

Notes:
a) Due to the viewing extent of the maps, every feature will not show because of overlap;
b) Counts of reported effects include features that could not be located spatially;
c) Several features had two reported effects and will only show one location on the map.

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Geronimo Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Map Key
- Highways
- Streams
- State Roads
- Room-and-Pillar

Somerset County
Somerset
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Geronimo Mine
Mining Areas and Overburden Contours

Map Key
- Overburden Contour
- Room-and-Pillar

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Somerset County

C_76
Geronimo Mine
Mining Areas, 200-ft Buffer and Structures

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Geronimo Mine
Mining Areas, Watersources and RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Map Key

- Watersources with reported effects
- Watersources with no reported effects
- Room-and-Pillar
- RPZ

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Somerset County

C_78
Gillhouser Run Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Gillhouser Run Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Gillhouser Run Mine
Mining Areas, 200-ft Buffer and Structures

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Gillhouser Run Mine
Mining Areas, Watersources and RPZ

Note: The second reported effect is located far from mining and is not depicted here for display purposes.

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
High Quality Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
High Quality Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Josephine No.3 Mine
Mining Areas, Major Roads and Streams

Map Key
- Highways
- Streams
- State Roads
- Room-and-Pillar

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Josephine No.3 Mine
Mining Areas and Overburden Contours

Map Key
- Overburden Contour
- Room-and-Pillar

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)
Prepared by:
University of Pittsburgh
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.

Josephine No.3 Mine
Mining Areas, 200-ft Buffer and Structures

Yes
No

Map Key
Yes=Structures with reported effects
No=Structures with no reported effects
Room-and-Pillar
200-ft Buffer

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Indiana County
Josephine No.3 Mine
Mining Areas, Watersources and RPZ

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Keystone East Mine
Mining Areas, Major Roads and Streams

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Keystone East Mine
Mining Areas and Overburden Contours

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Keystone East Mine
Mining Areas, 200-ft Buffer and Structures

Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.
Notes: a) Due to the viewing extent of the maps, every feature will not show because of overlap; b) Counts of reported effects include features that could not be located spatially; c) Several features had two reported effects and will only show one location on the map.