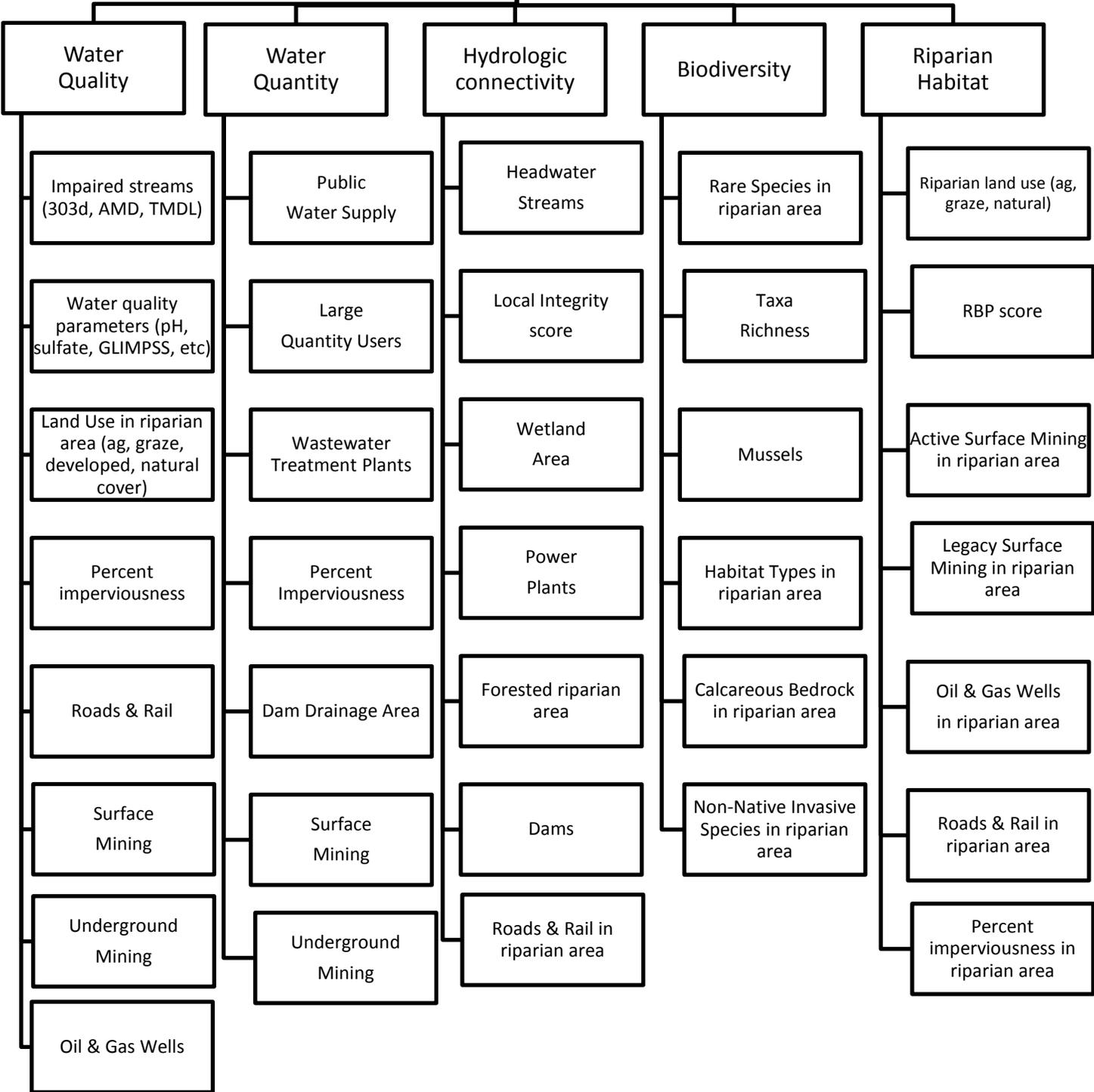


**STREAMS/RIPARIAN
PRIORITY MODEL**

**CURRENT
CONDITION/
FUNCTION**



**WETLANDS
PRIORITY MODEL**

**CURRENT
CONDITION/
FUNCTION**

**Water Quality:
Pollutant Filtration/
Sediment Retention**

Forested
Headwater
Wetlands

Land Use in wetland
catchment
(ag, graze, developed,
natural cover)

Percent
Imperviousness in
wetland catchment

Active Surface Mining in
wetland catchment

Oil & Gas Wells in
wetland catchment

Roads & Rail in
wetland catchment

**Hydrology:
Flood Storage/
Connectivity**

Wetland
Area

Forested
Headwater
Wetlands

Forested
Floodplain
Wetlands

Floodplain
Area

Hydric
Soils

Biodiversity

Rare Species in
wetland buffer

Calcareous Bedrock in
wetland buffer

Habitat Types in
wetland buffer

Non-Native Invasive
Species in
wetland buffer

**Wetland
Habitat**

Land Use in wetland
buffer
(ag, graze, developed,
natural cover)

Mean Forest
Patch size intersecting
wetland buffer

Oil & Gas Wells in
wetland buffer

Active Surface Mining
in wetland buffer

Legacy Surface Mining
in wetland buffer

Roads & Rail
in wetland buffer

**UPLANDS
PRIORITY MODEL**

CURRENT
CONDITION/
FUNCTION

Habitat
Connectivity

Habitat
Quality

Biodiversity

Mean size
intersecting
Forest Block

Local Integrity
score

Development

Roads & Rail

Energy
Transmission
Lines

Pipelines

Wind Turbines

Oil & Gas Wells

Active Surface
Mining

Timber
Harvesting

Heterogeneity
score

Natural
Cover

Active Surface
Mining

Legacy Surface
Mining

Timber
Harvesting

Land Use (Ag,
Grazing,
Development)

Rare
Species

Habitat
Types

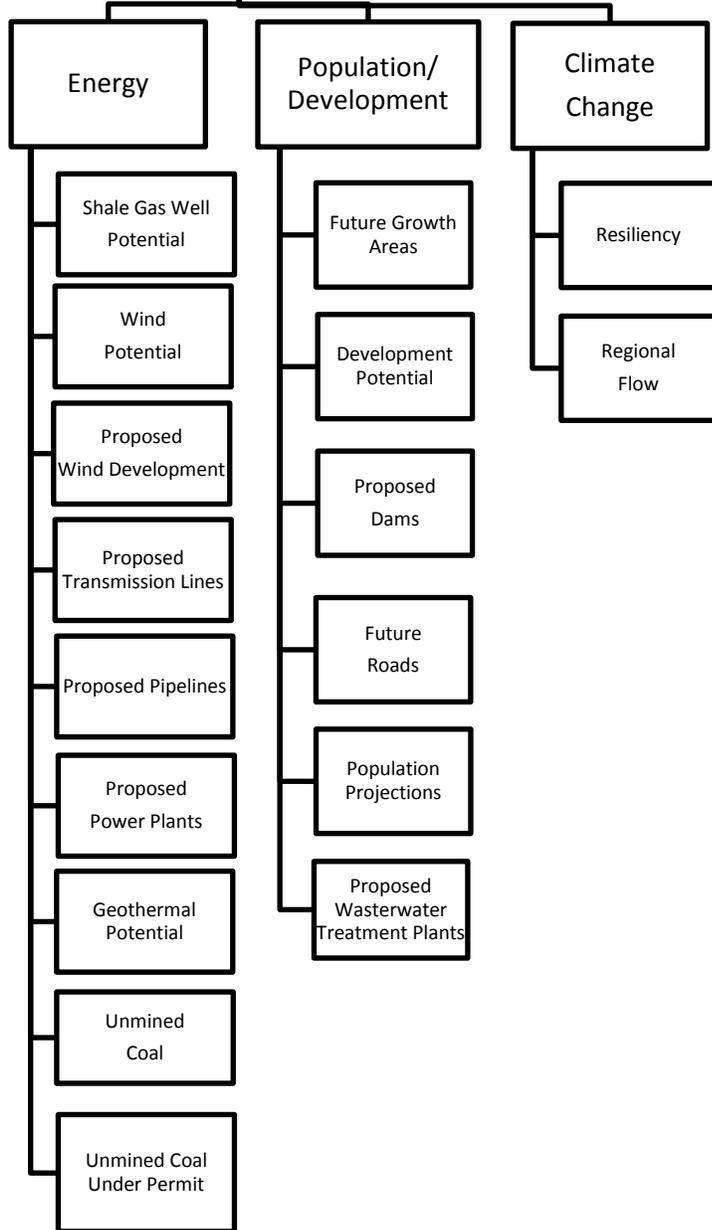
Non-Native
Invasive Species

Percent Loss to
Pests &
Pathogens

Calcareous
Bedrock

CONSOLIDATED ANALYSIS

THREATS



OPPORTUNITIES

