

North Shenandoah Mountain Project Aquatic Resources



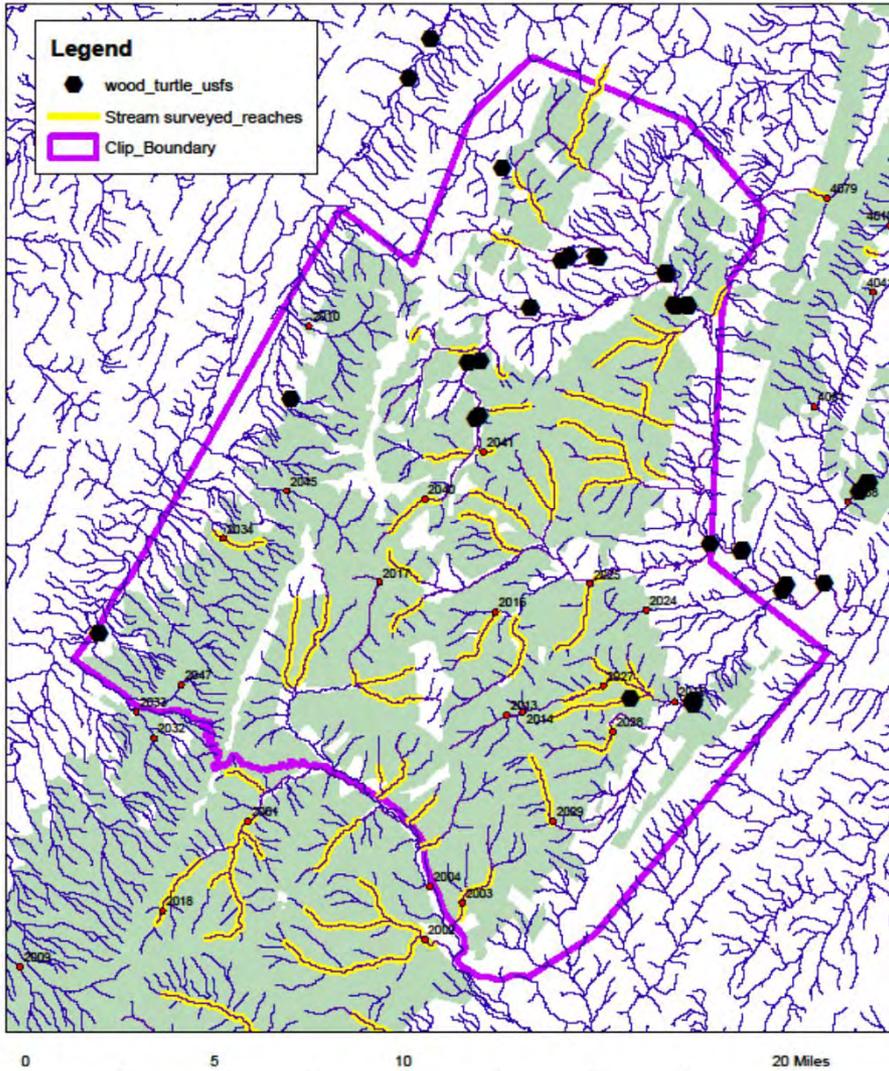
Improving the Water Quality in the Watershed,
Aquatic Organism Passage, Restoring Natural
Hydrology, Reducing Erosion/Sedimentation,
Improving Angler Opportunities...

POTENTIAL PROJECT IDEAS

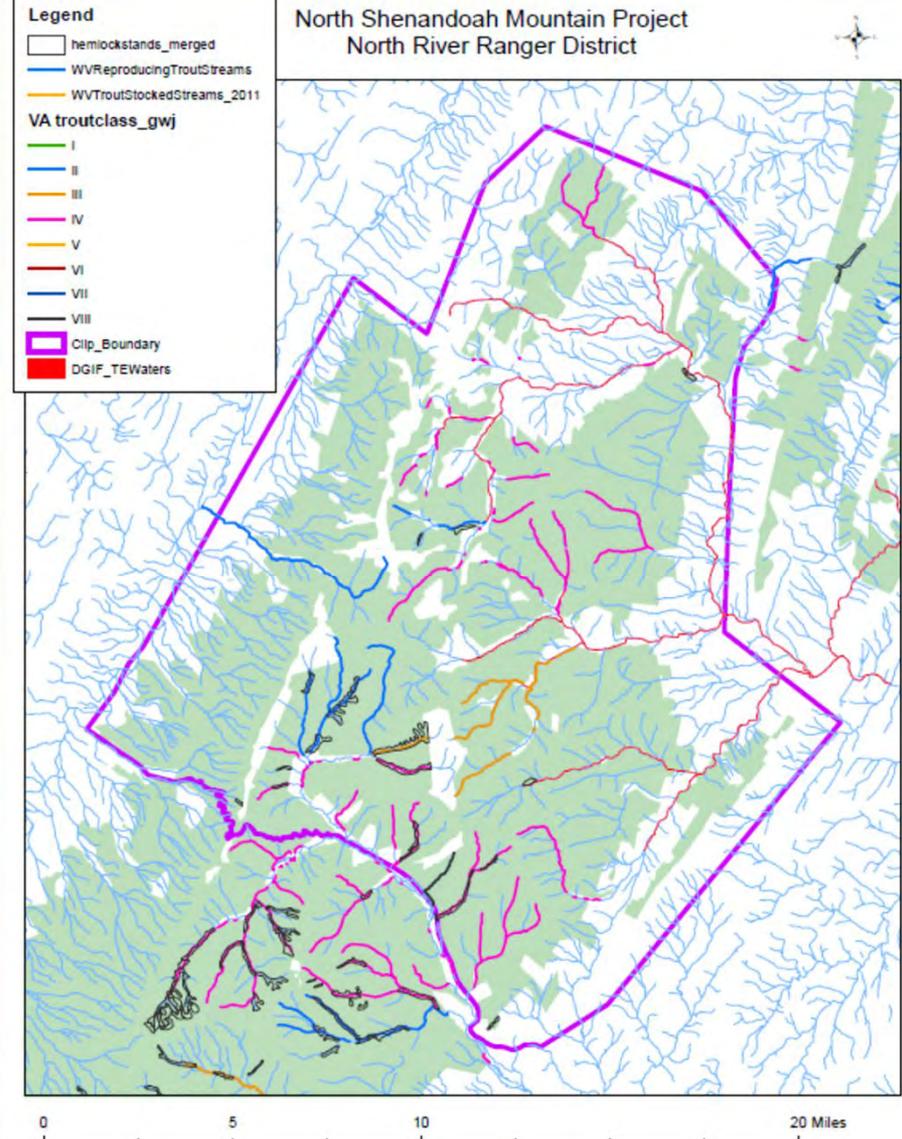
- Culvert Removal or Replacement for AOP
- Camp Run Reservoir Angler Improvements
- Increased Angler Access
- Decommisioning of Roads Located in Riparian Areas (e.g Root Run)
- Beaver Reintroduction
- Riparian Vegetation Enhancement/Restoration
- Restoring Altered Hydrology
- Others??

NSM Streams – Native Trout & State T&E Species

North Shenandoah Mountain Project
North River Ranger District



North Shenandoah Mountain Project
North River Ranger District



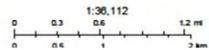
NSM Streams - See Map Handouts

Marshall Run Area

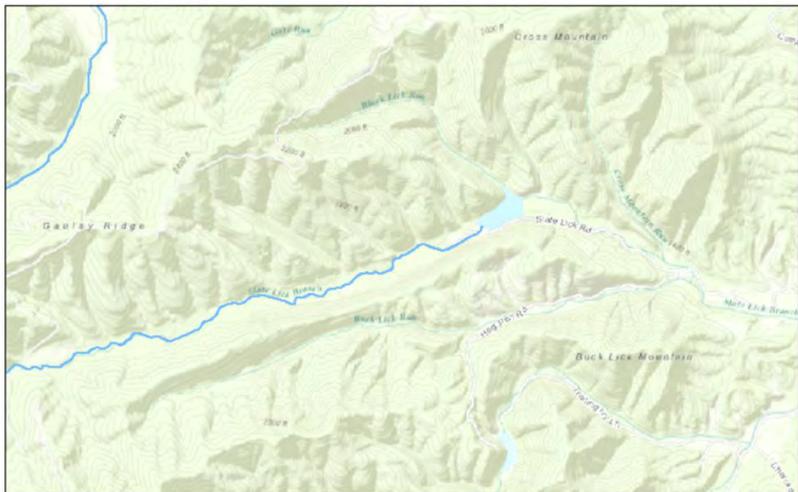


July 13, 2016

— Wild Trout Streams

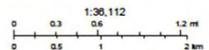


Slate Lick Area



July 13, 2016

— Wild Trout Streams



Source: US, HERS, Oklahoma, Indiana, Wisconsin, P. Co., GBRCC, USGS, TRC, HRS, WPCAN, Oklahoma, OH, Federal AL, Oklahoma Survey.

- WV Rough Run – Healthy reproducing native trout stream, access issues
- VA Marshall & Root Runs – Impacted by old road through stream & riparian areas
- VA Peach Run – Native trout stream with impassible culvert
- Kephart & Raccoon Runs – Roads running through riparian areas
- VA Slate Lick Run – Native trout stream above dam & wood turtle habitat. Mitigate recreation effects along stream.
- **Virginia Native Brook Trout (BKT) Streams marked in blue on maps**

Rough Run & Camp Run

Rough Run

- Natural ford crossings (7)
- Healthy native trout stream, not stocked
- Access blocked by landowner currently

Camp Run

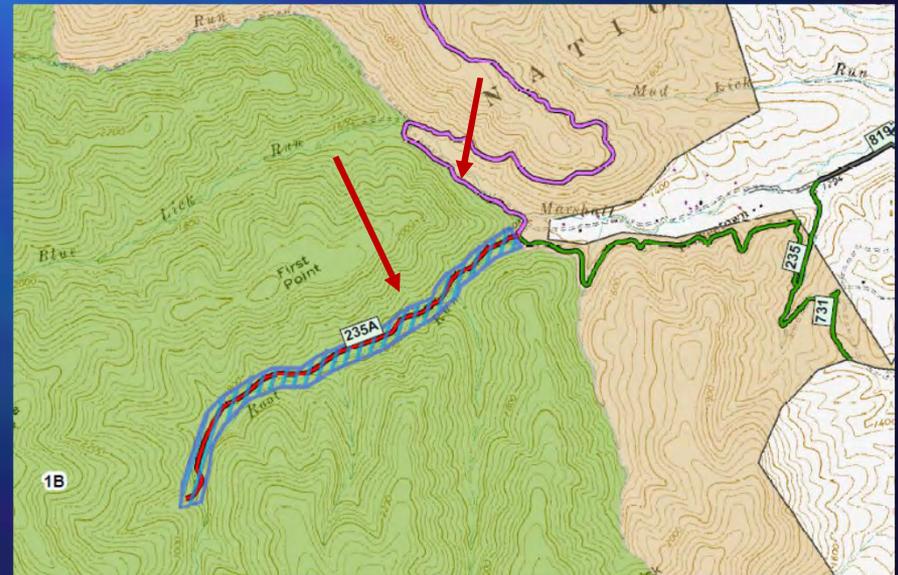
- Need Camp Run stream monitoring data
- Stocked warm water fishery at the Camp Run Reservoir
- Improvements to angler access at reservoir (handicap or kids pier/access)



Root Run & Marshall Run – Road Issue



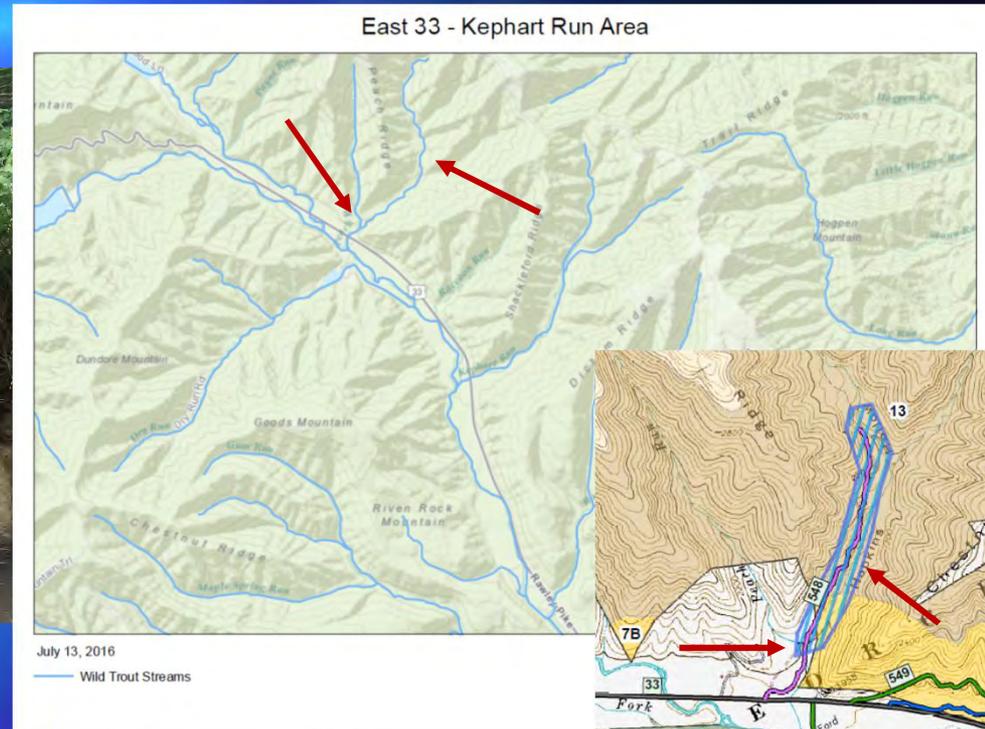
- Road runs along and inside riparian areas
- Both native trout streams, not stocked
- Road is located in Proposed Beech Lick Wilderness Area and needs decommissioning



Peach Run & Hopkins Hollow



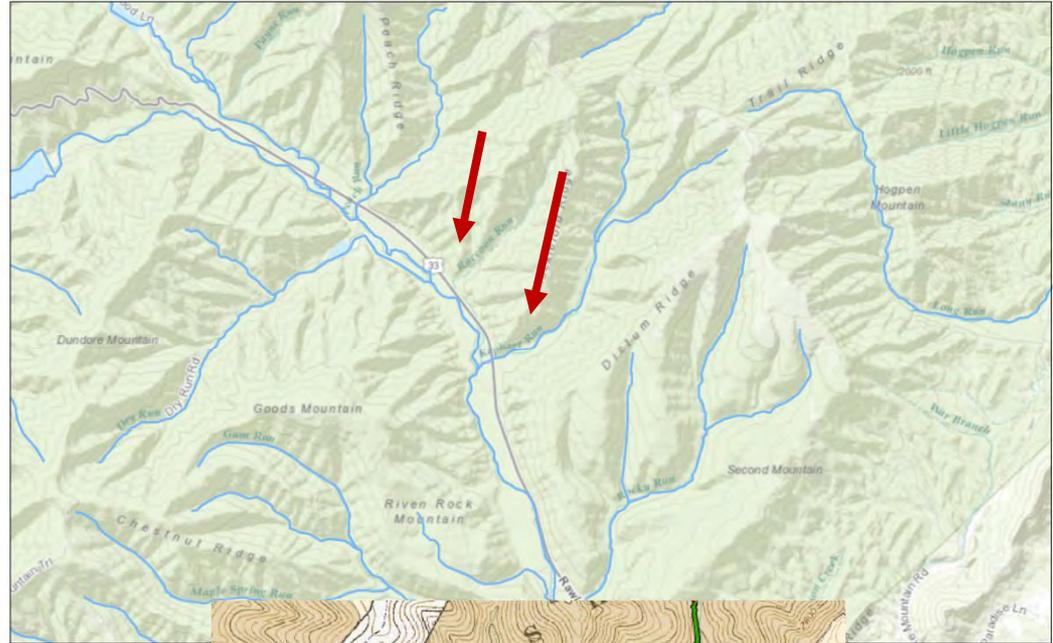
- Culvert issue near 33 on Peach Run
- Native trout streams, not stocked



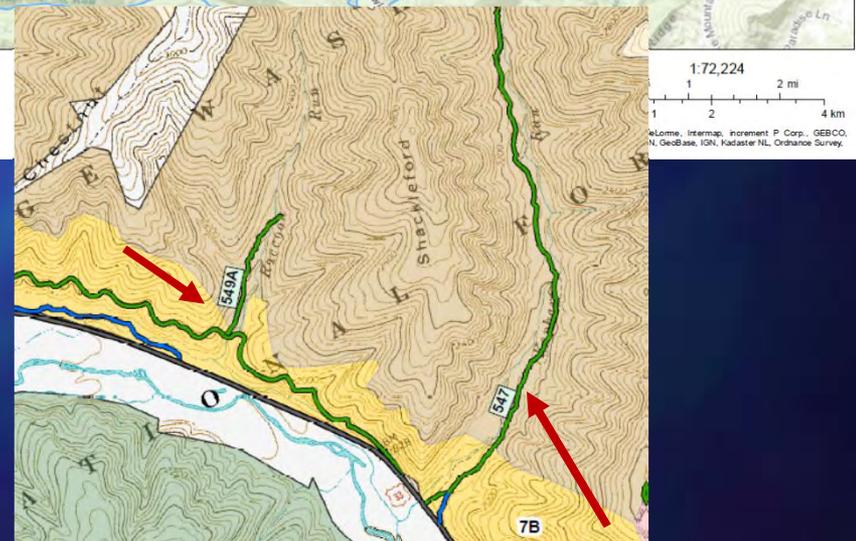
Kephart & Raccoon Run Roads



East 33 - Kephart Run Area



July 13, 2016
— Wild Trout Streams



Slate Lick Branch

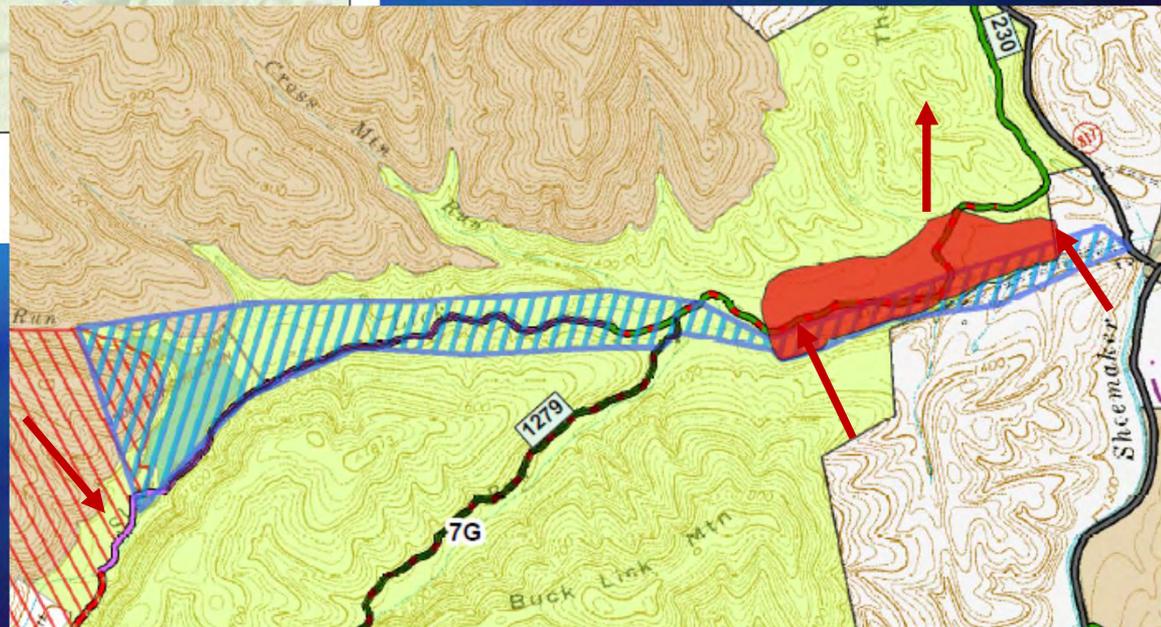
Slate Lick Area



July 13, 2016

— Wild Trout Streams

- Native trout stream above Slate Lick Reservoir
- Wood turtle habitat along Slate Lick Branch
- Improvements to angler access
- Mitigate negative water quality impacts from recreation in Slate Lick Fields



Other Projects or Ideas??
