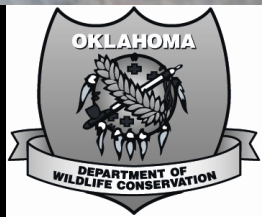


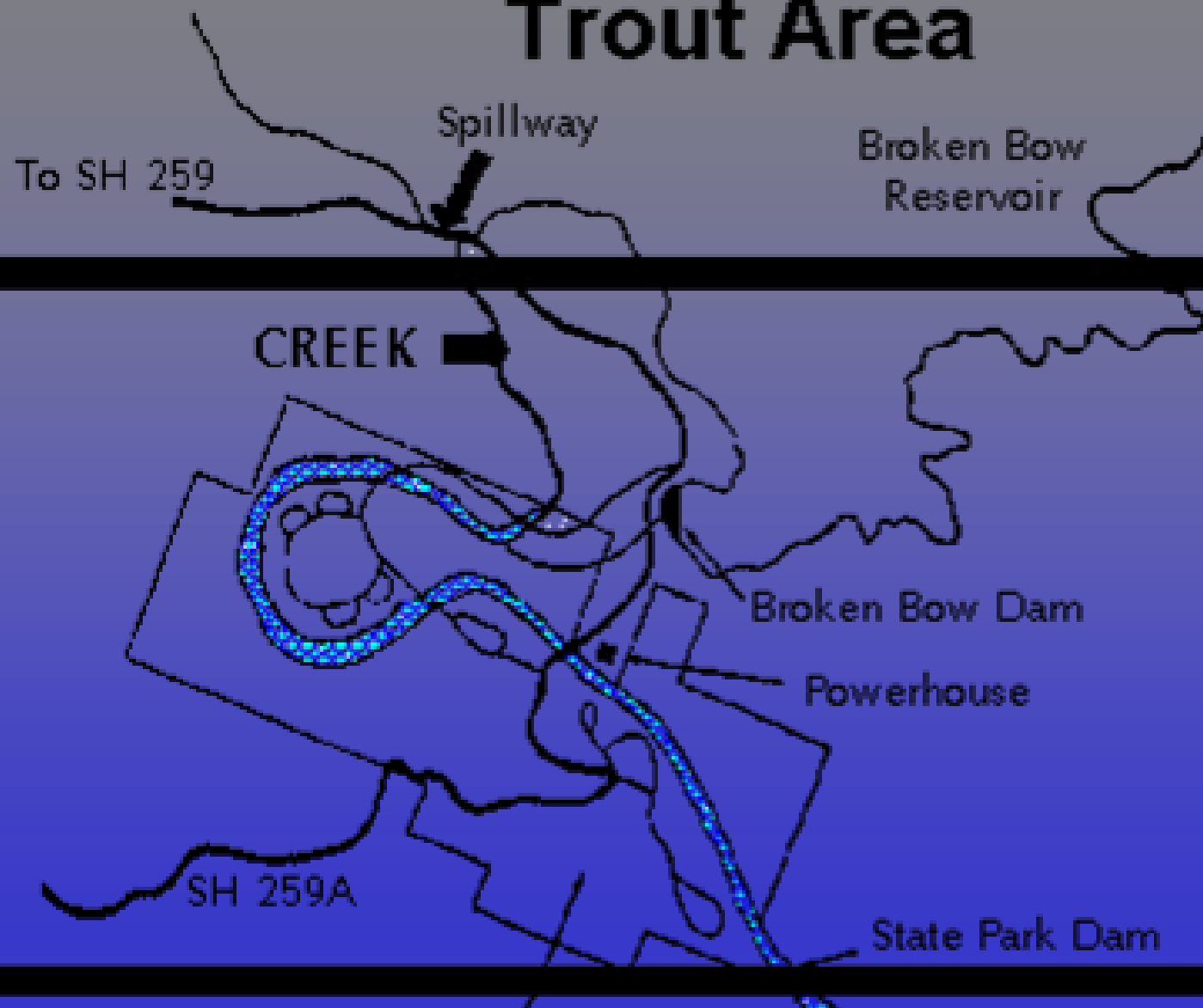
Habitat Enhancement of Spillway Creek



Buck Ray
Streams Management Program Supervisor
Oklahoma Department of Wildlife Conservation



Lower Mountain Fork Trout Area



LMFR: 2009 Flooding

- Largest flood on record
~ 5200 cfs
- Infrastructure destroyed
 - Spillway Creek
 - Lost Creek
 - evening Hole - Hwy 259 bridge



Spillway Overlook

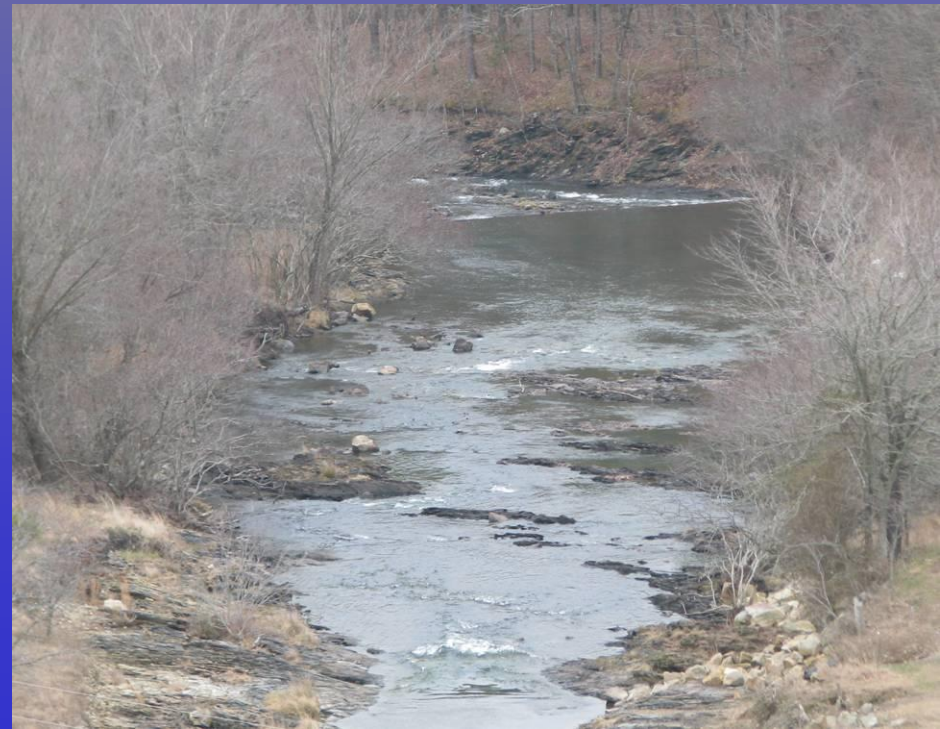


Spillway Creek Flooding



2009 Flooding

2011 Normal Flow



Spillway Creek Flooding



2009 Flooding

2011 Normal Flow



Lower Footbridge



Cold Hole Bridge



Cold Hole Bridge



Lost Creek



Cold Hole



LMFR: 2009 *Flood Damage*

- Destroyed Habitat
- Washed out 2 walk bridges
- Washed out river crossings
- Damaged stocking access



Spillway Creek Restoration

- Accomplishments:
 - Installed 12 habitat structures
 - Improve stocking access
 - Reestablish aquatic invertibrate population
 - Improved Habitat for both sportfish and not sportfish
 - Improved angler satisfaction



Pre & Post Sampling



Habitat Enhancement



Habitat Enhancement



Habitat Enhancement





















Cross Vein Repair



Cross Vein Repair



Cross Vein Repair





- Additional Activities

- Bug transfer – April 13th
- Walking bridge to be repaired –summer 2011
- Seeding of Cold Hole
- Resampling fish & inverts – winter 2011



Acknowledgements



- ODWC Streams Staff
- ODWC Administration
- Sport Fish Restoration
- Oklahoma Dept of Parks and Recreation
- Lower Mountain Fork River Foundation
- US Army Corp of Engineers



**US Army Corps
of Engineers®**

