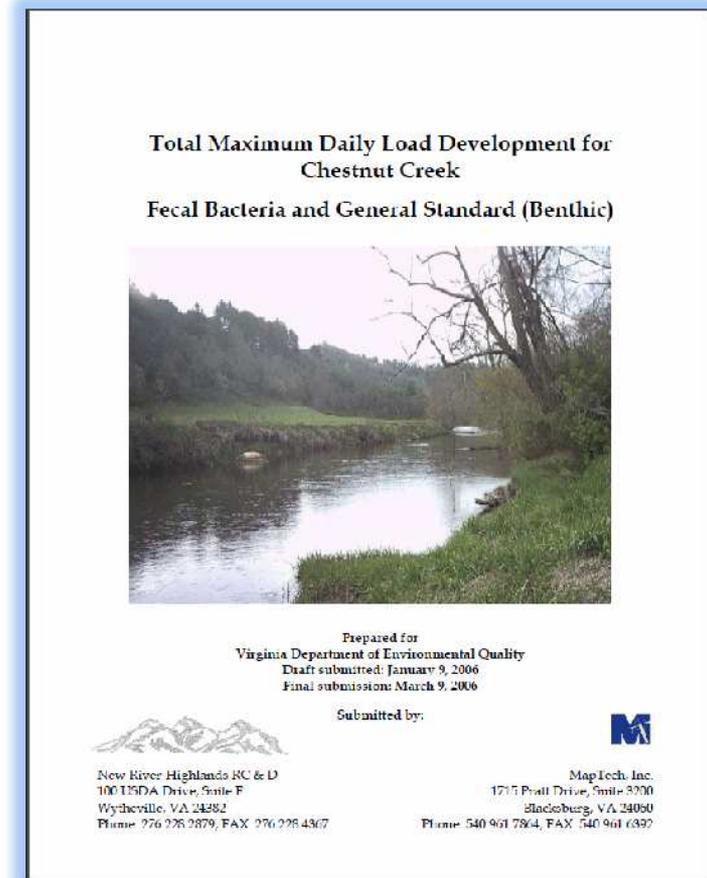
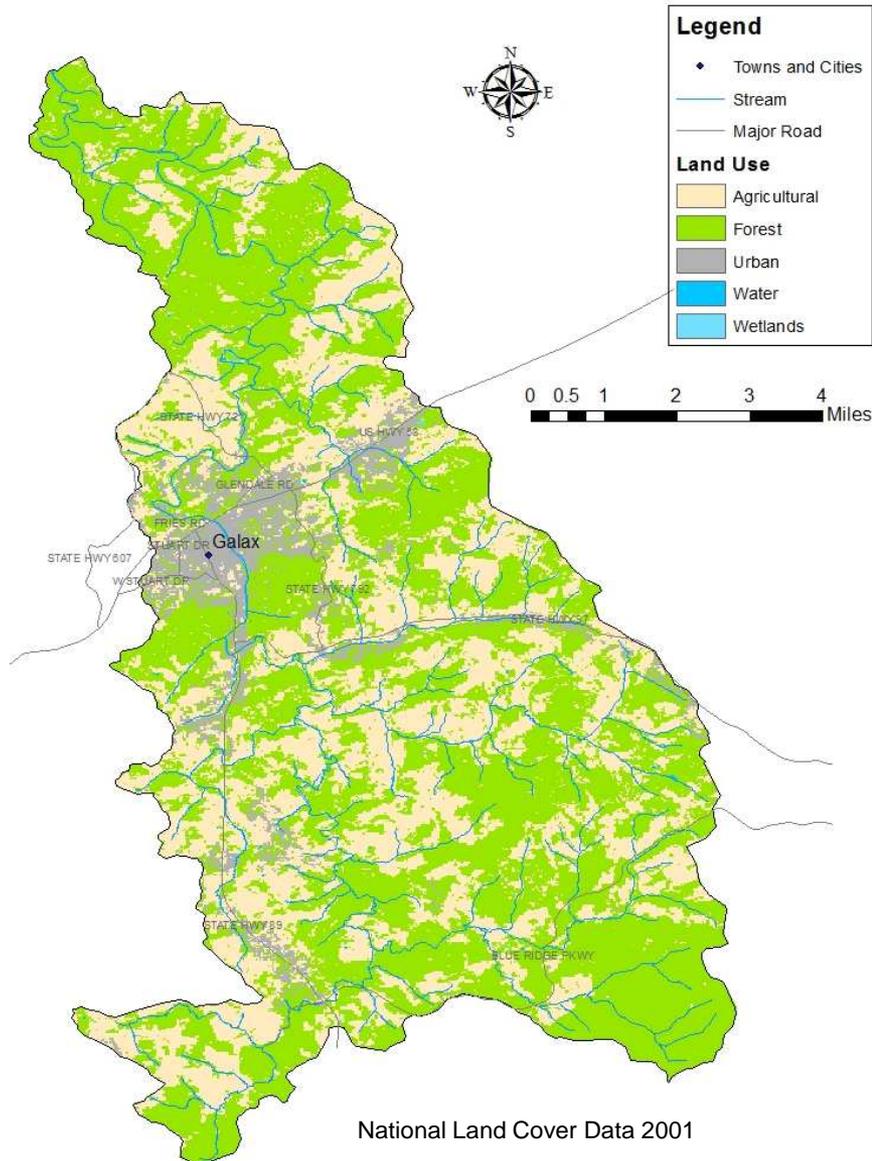


The Chestnut Creek TMDL Study

- Completed in 2006
- Provided information on:
 - Land uses in the area
 - Sources of bacteria and sediment in the watershed
 - Reductions in those sources necessary to meet water quality standards

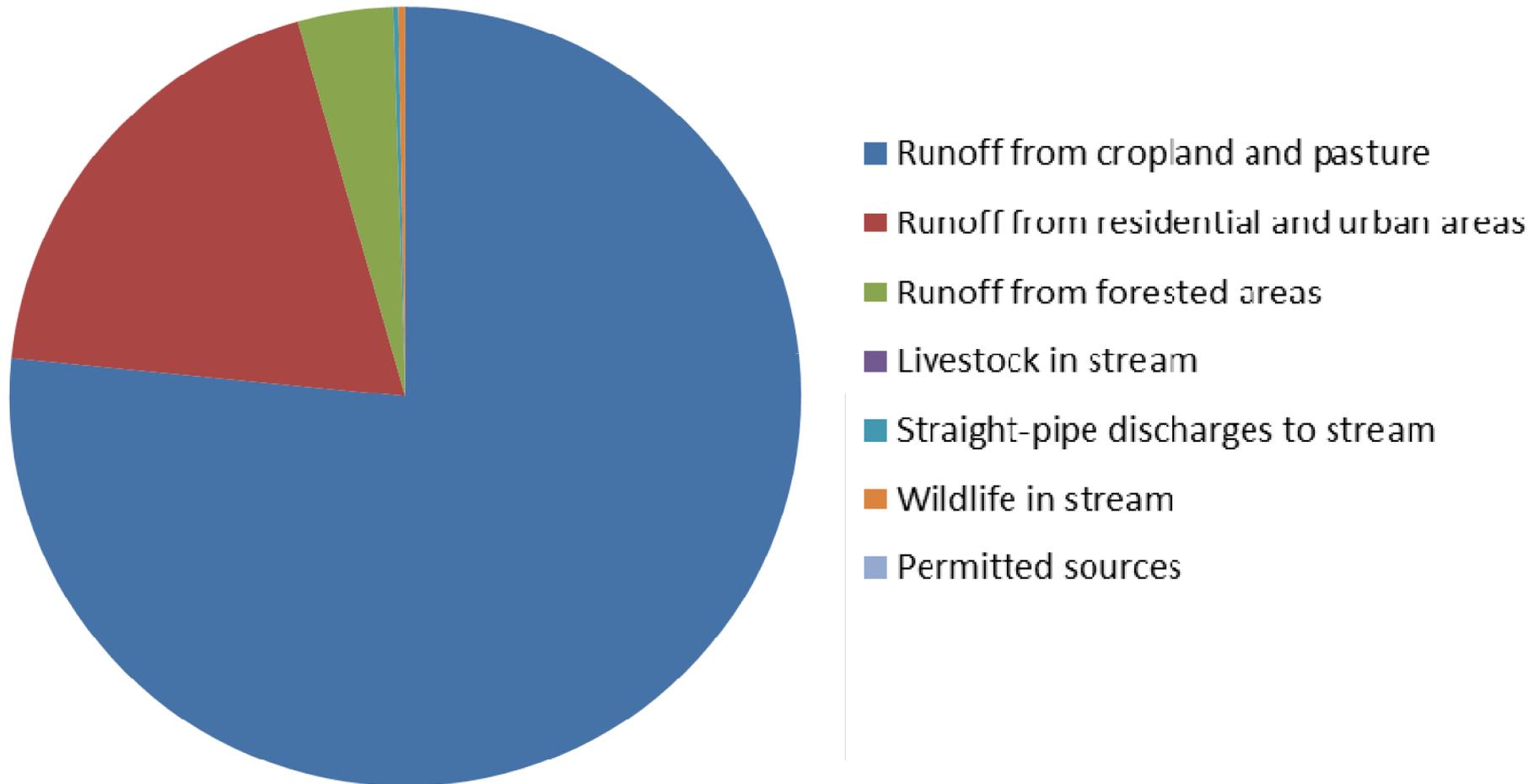


Major Land Uses

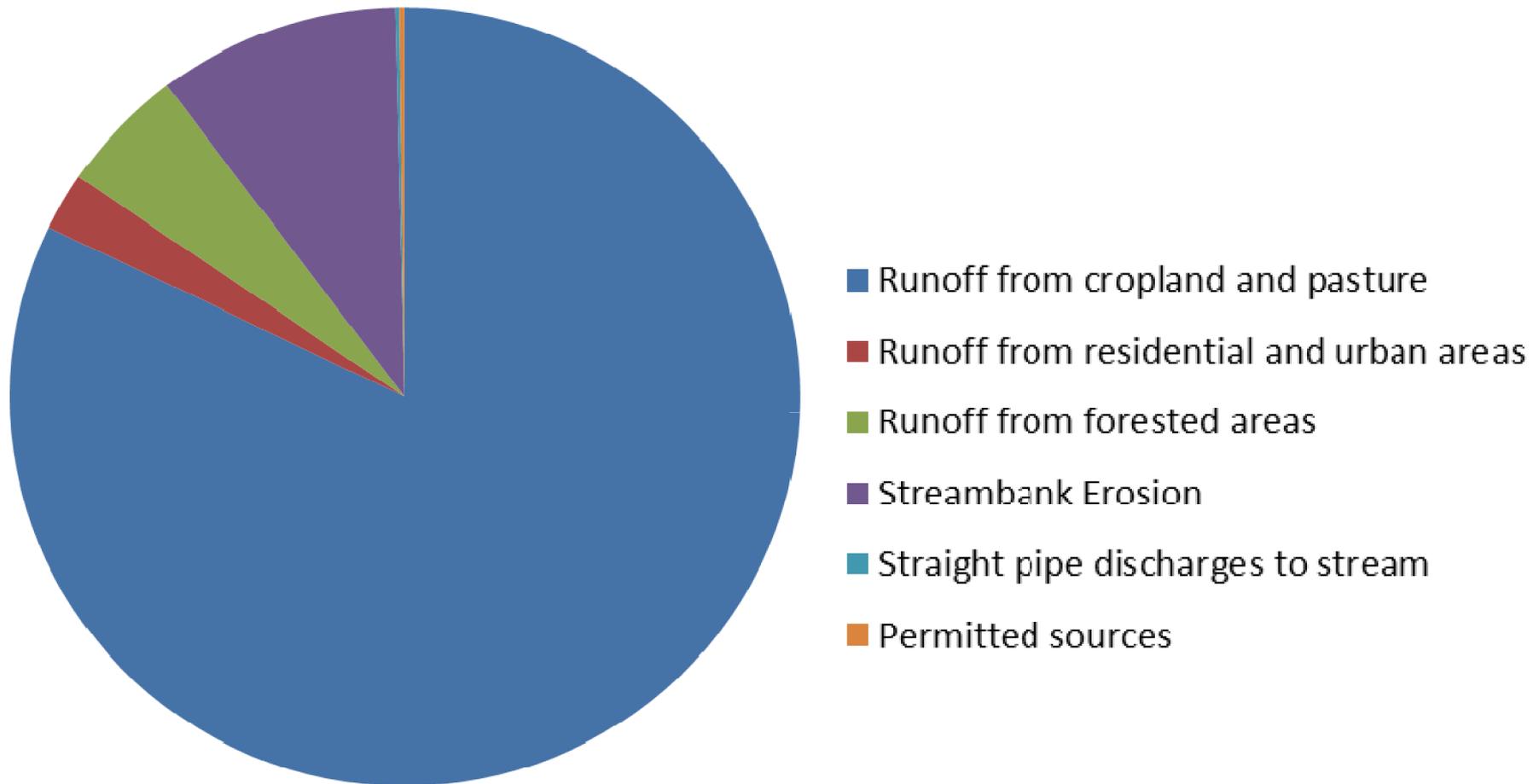


Land Use	Chestnut Creek
Agriculture	36%
Forest	56%
Urban	6%
Water	1%
Wetlands	<1%
Acreage	38,969

Sources of Bacteria



Sources of Sediment



Necessary Bacteria Reductions

Source Reductions	Livestock in stream	Straight Pipes	Agricultural Land	Residential Land
Delisting Goal Stage 1	65%	100%	87%	87%
TMDL Goal Stage 2	65%	100%	98%	98%

Necessary Sediment Reductions

Scenarios	Disturbed Forest	Unimproved Pasture	Overgrazed Pasture	High Till Row Crop	Streambank Erosion	Straight Pipes
Scenario 1	34%	33%	34%	34%	34%	100%
Scenario 2	0	40%	42%	40%	0	100%
Scenario 3	39%	39%	38%	38%	0	100%

Where Do We Go From Here?

- September 2014: First Public Meeting
- Late October : 2nd Agricultural and Residential/Urban Working Group Meetings
- Early January 2015: Complete draft Chestnut Creek TMDL Implementation Plan
- Mid-January: Steering Committee Meeting
- Mid-February: Final Public Meeting

