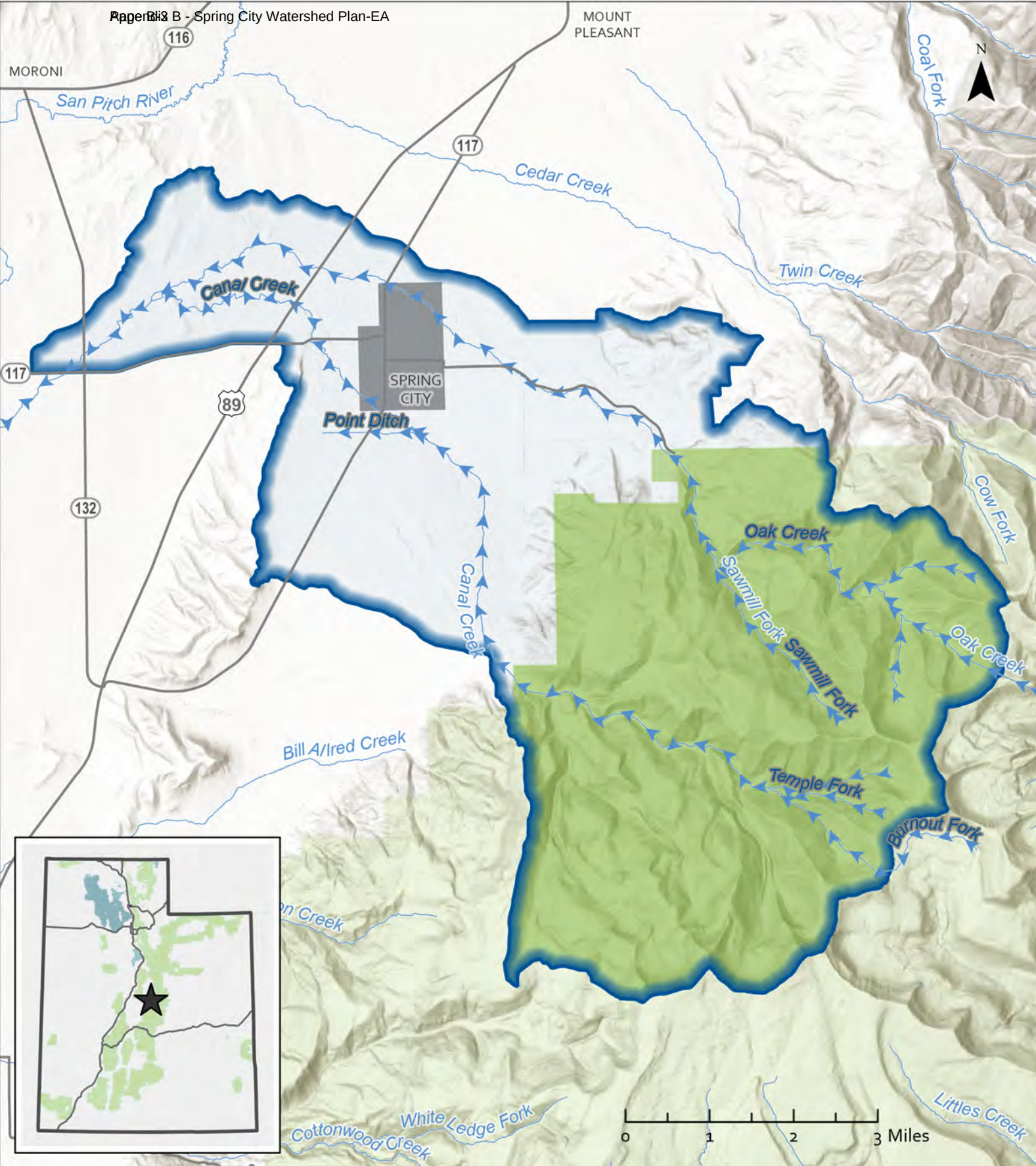


Appendix B. Project Maps

Watershed Map	B-002
Project Map	B-004
Benefitted Area Map	B-006
Cultural Resource Survey Area / Area of Potential Effect	B-008

Watershed Map



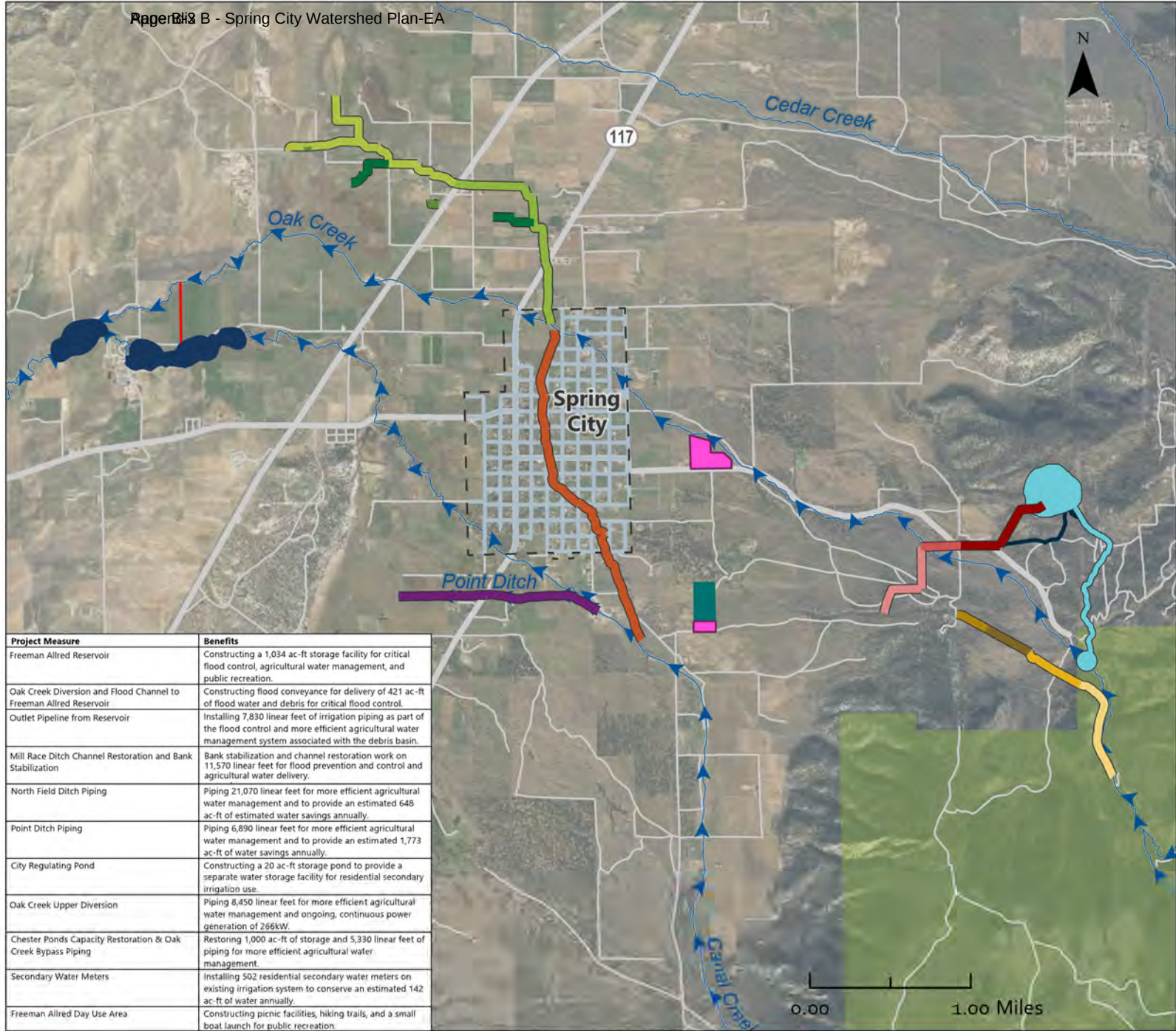
Watershed Land Ownership

- Federal
- Local
- Private
- State

- Watershed Boundary
- Flow Direction

Appendix B – Watershed Map

Preferred Alternative Map



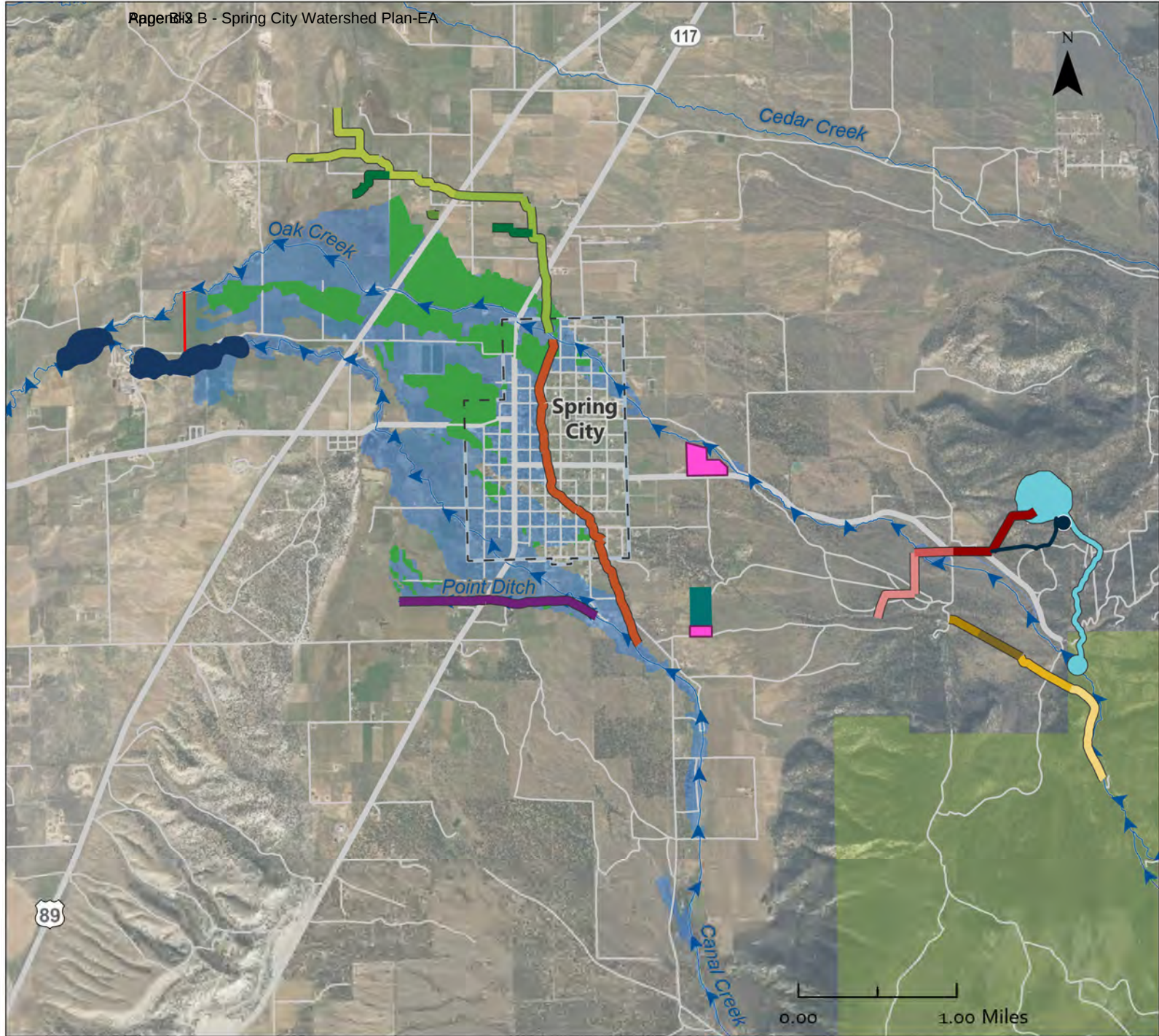
Project Measure	Benefits
Freeman Allred Reservoir	Constructing a 1,034 ac-ft storage facility for critical flood control, agricultural water management, and public recreation.
Oak Creek Diversion and Flood Channel to Freeman Allred Reservoir	Constructing flood conveyance for delivery of 421 ac-ft of flood water and debris for critical flood control.
Outlet Pipeline from Reservoir	Installing 7,830 linear feet of irrigation piping as part of the flood control and more efficient agricultural water management system associated with the debris basin.
Mill Race Ditch Channel Restoration and Bank Stabilization	Bank stabilization and channel restoration work on 11,570 linear feet for flood prevention and control and agricultural water delivery.
North Field Ditch Piping	Piping 21,070 linear feet for more efficient agricultural water management and to provide an estimated 648 ac-ft of estimated water savings annually.
Point Ditch Piping	Piping 6,890 linear feet for more efficient agricultural water management and to provide an estimated 1,773 ac-ft of water savings annually.
City Regulating Pond	Constructing a 20 ac-ft storage pond to provide a separate water storage facility for residential secondary irrigation use.
Oak Creek Upper Diversion	Piping 8,450 linear feet for more efficient agricultural water management and ongoing, continuous power generation of 266kW.
Chester Ponds Capacity Restoration & Oak Creek Bypass Piping	Restoring 1,000 ac-ft of storage and 5,330 linear feet of piping for more efficient agricultural water management.
Secondary Water Meters	Installing 502 residential secondary water meters on existing irrigation system to conserve an estimated 142 ac-ft of water annually.
Freeman Allred Day Use Area	Constructing picnic facilities, hiking trails, and a small boat launch for public recreation.

- Freeman Allred Reservoir
- Oak Creek Diversion and Flood Channel to Freeman Allred Reservoir
- Freeman Allred Day Use Area
- Freeman Allred Reservoir Access Road
- Mill Race Ditch Channel Restoration and Bank Stabilization
- Outlet Pipeline from Reservoir**
 - 26" DR 17
 - 26" DR 26
 - 36" DR 21
- North Field Ditch Piping**
 - DR 32.5 12"
 - DR 32.5 16"
- DR 32.5 4"
- DR 32.5 6"
- Point Ditch Piping**
 - DR 32.5 22"
- Oak Creek Upper Diversion**
 - 20" DR 32.5
 - 24" DR 11
 - 24" DR 7
 - 24" DR 9
- Flow Direction
- Staging Areas
- City Regulating Pond
- Chester Ponds Capacity Restoration
- Oak Creek Bypass Piping Area
- New Secondary Water Meters
- USDA-FS Managed Lands

Project Map

Spring City Watershed Plan-EA

Benefitted Area Map

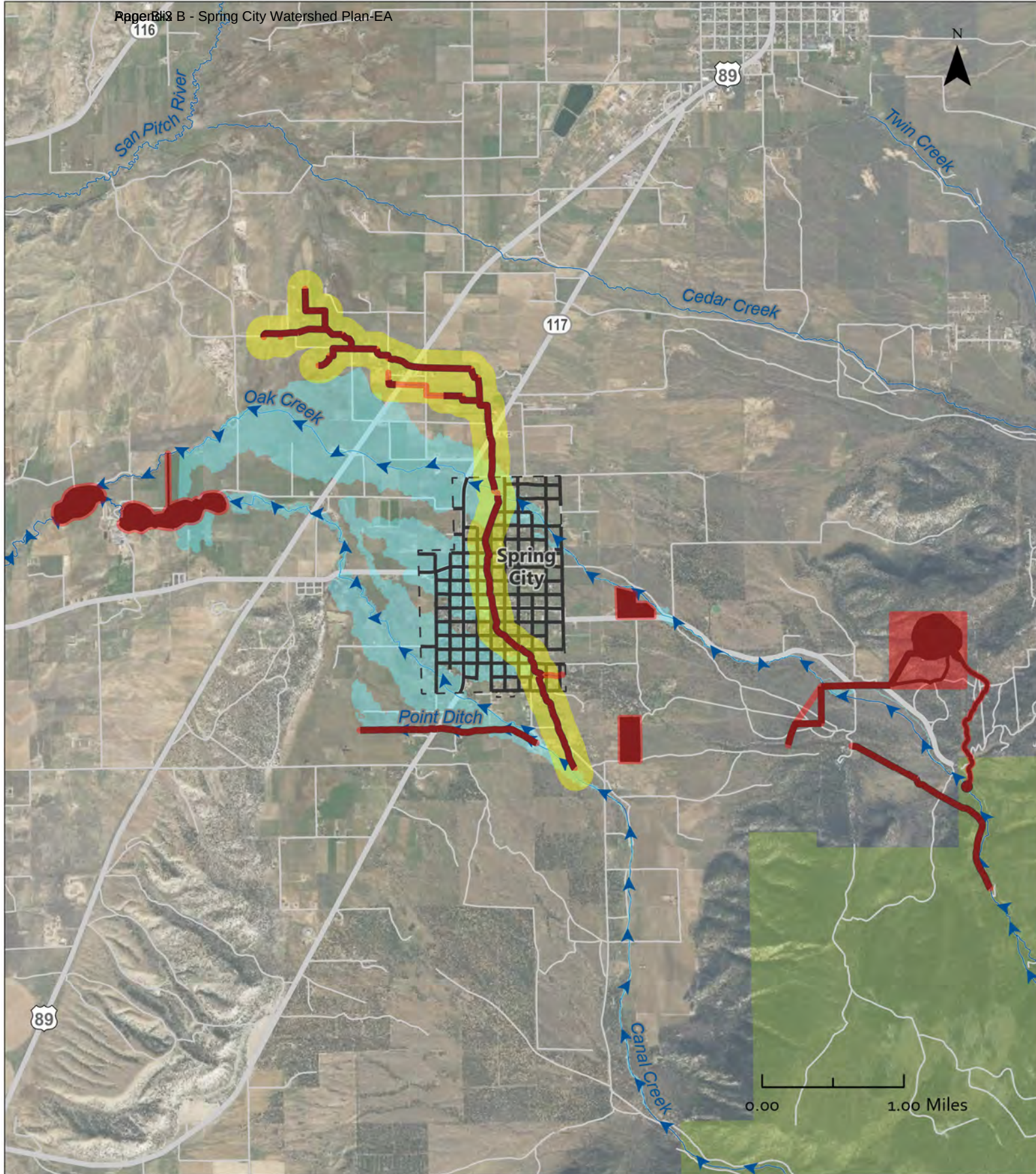


- | | |
|--|------------------------------------|
| Freeman Allred Reservoir | DR 32.5 6" |
| Oak Creek Diversion and Flood | Point Ditch Piping |
| Channel to Freeman Allred Reservoir | DR 32.5 22" |
| Freeman Allred Day Use Area | Oak Creek Upper Diversion |
| Freeman Allred Reservoir Access | 20" DR 32.5 |
| Road | 24" DR 11 |
| Mill Race Ditch Channel Restoration and Bank Stabilization | 24" DR 7 |
| Outlet Pipeline from Reservoir | 24" DR 9 |
| 26" DR 17 | Flow Direction |
| 26" DR 26 | Staging Areas |
| 36" DR 21 | City Regulating Pond |
| North Field Ditch Piping | Chester Ponds Capacity Restoration |
| DR 32.5 12" | Oak Creek Bypass Piping Area |
| DR 32.5 16" | New Secondary Water Meters |
| DR 32.5 4" | Agricultural Benefits (520.3 ac) |
| | Flood Benefits (2,228.5 ac) |
| | USDA-FS Managed Lands |

Benefited Area Map

Spring City Watershed Plan-EA

Cultural Resource Survey Area / Area of Potential Effect



- Project Area
- APE
- Visual Effects APE
- Flow Direction
- USDA-FS Managed Lands
- No Action Alternative APE

Cultural Resources Area of Potential Effect

Spring City Watershed Plan-EA