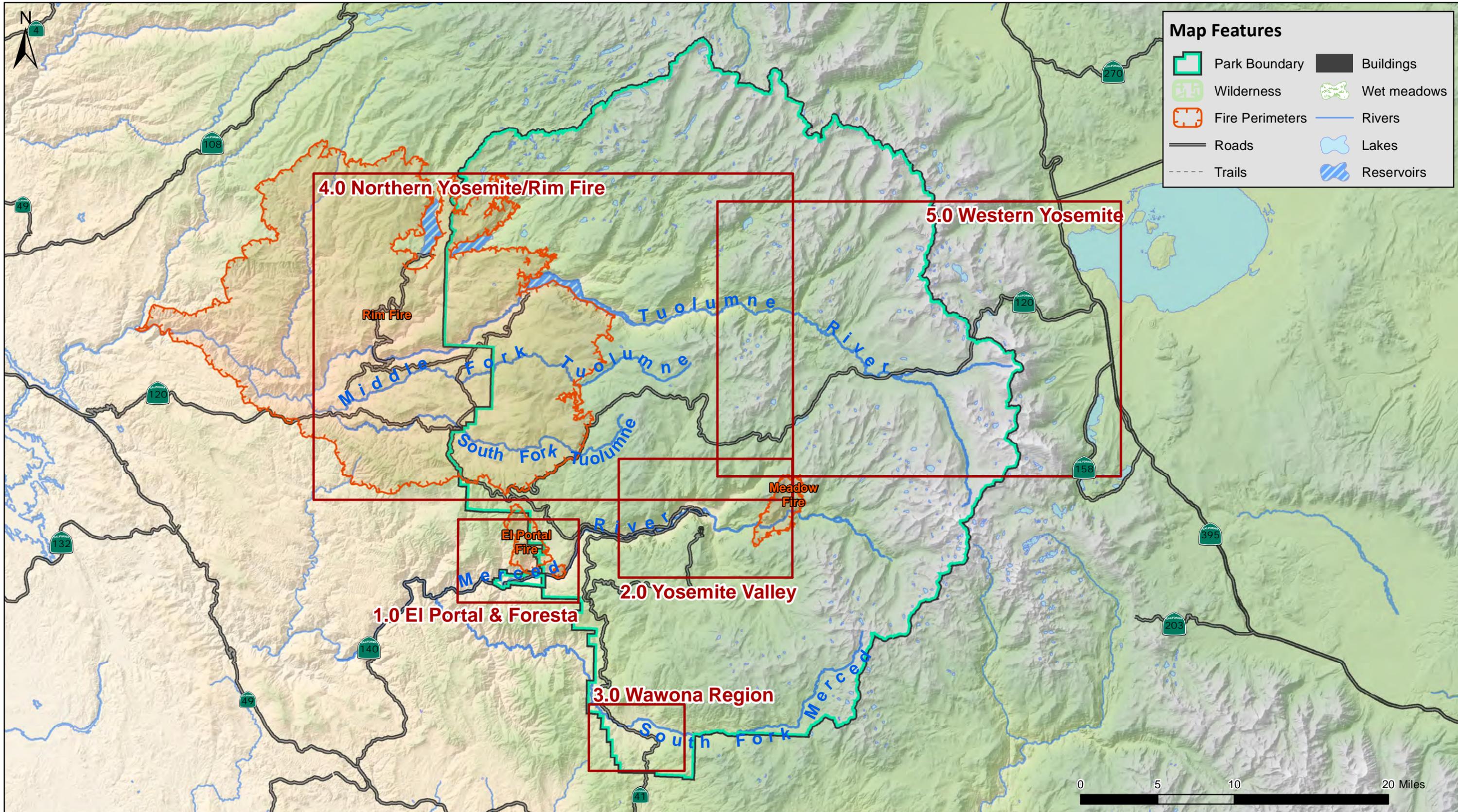


# 2016 Invasive Plant Work Plan

## 0.0 Park Overview

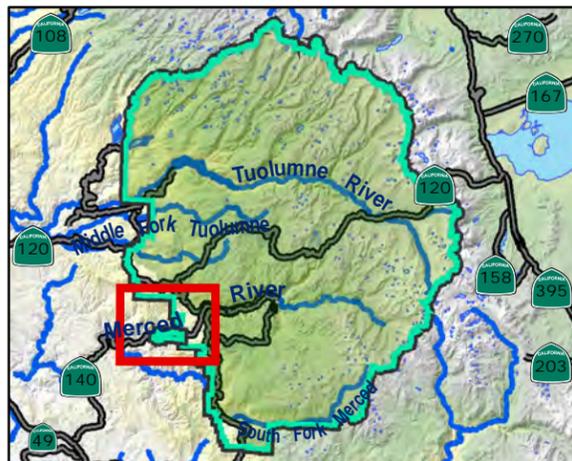
Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior





# 2016 Invasive Plant Work Plan

## 1.0 El Portal & Foresta

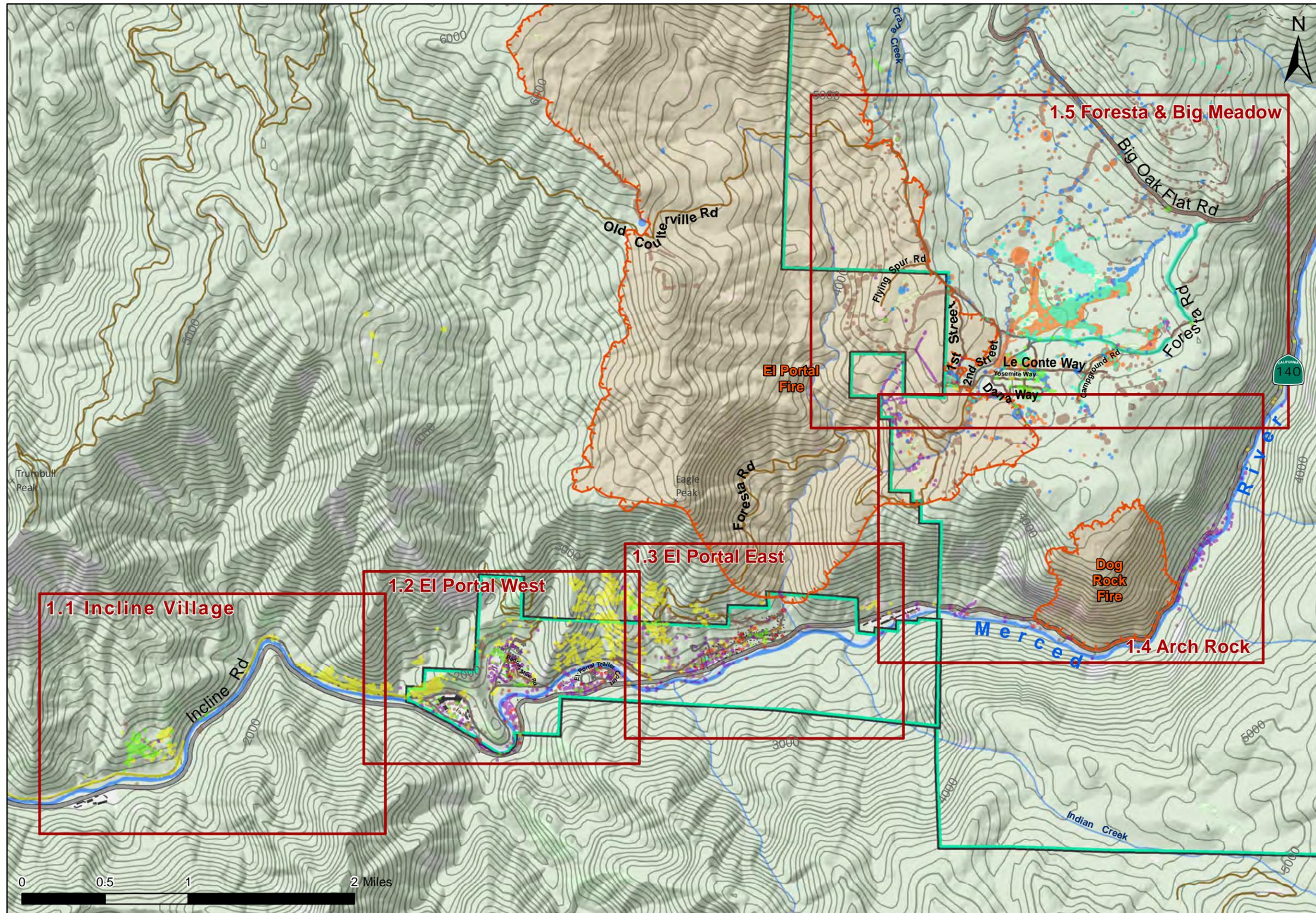


### Map Features

- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasives Plant Species

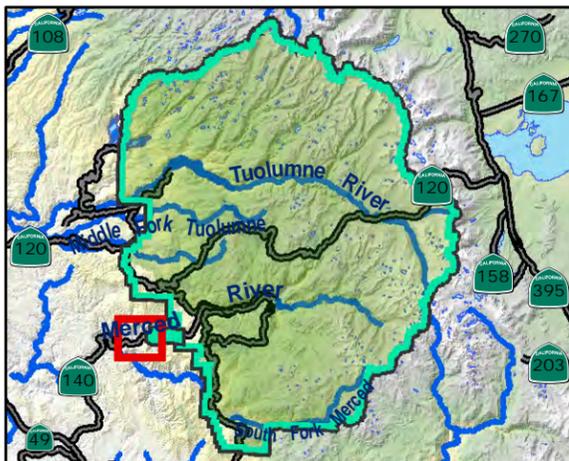
- Lower Priority Species
- Early Detection Species
- Blackberry
- Broom Species
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle





# 2016 Invasive Plant Work Plan

## 1.1 Incline Village



### Map Features

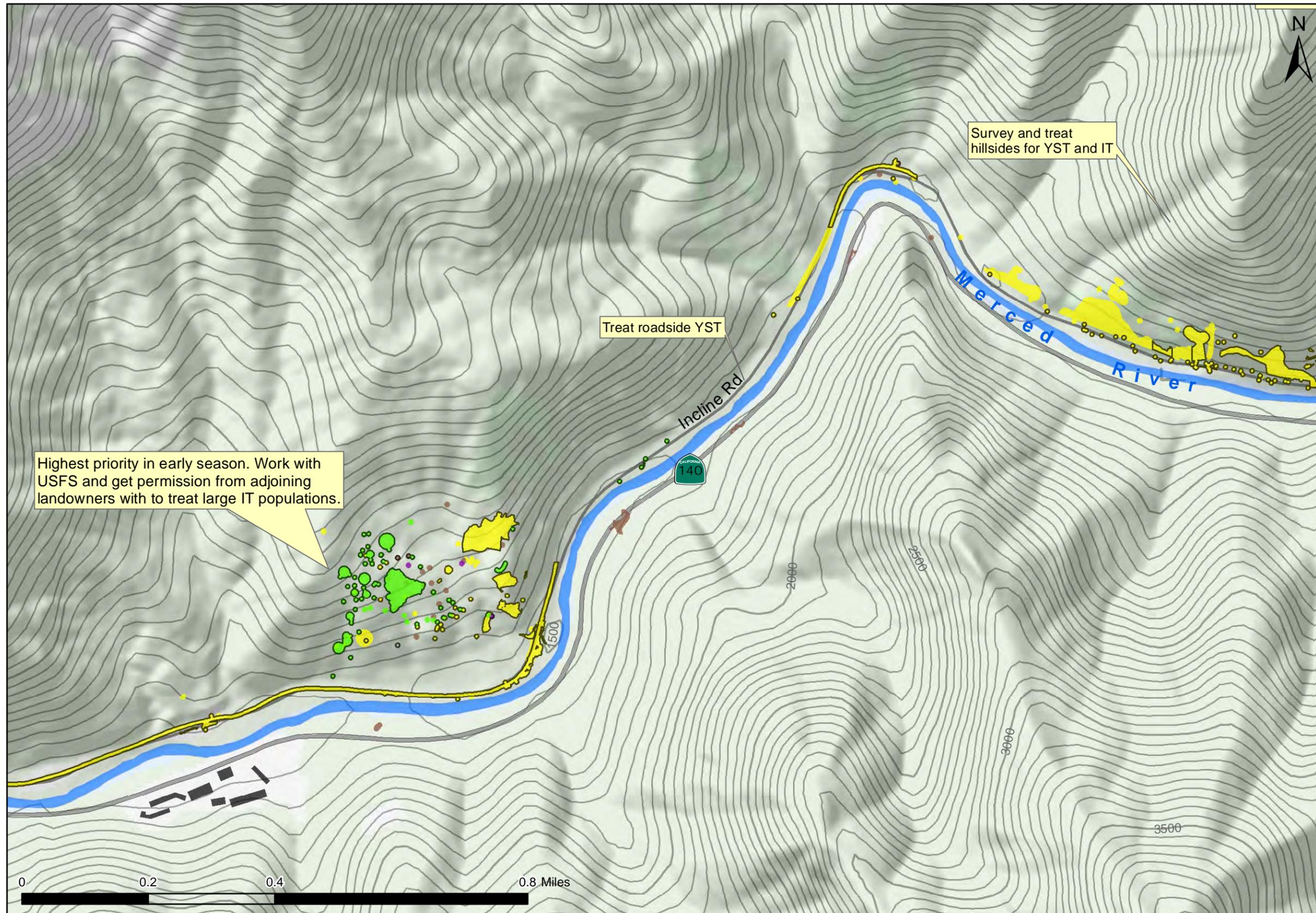
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

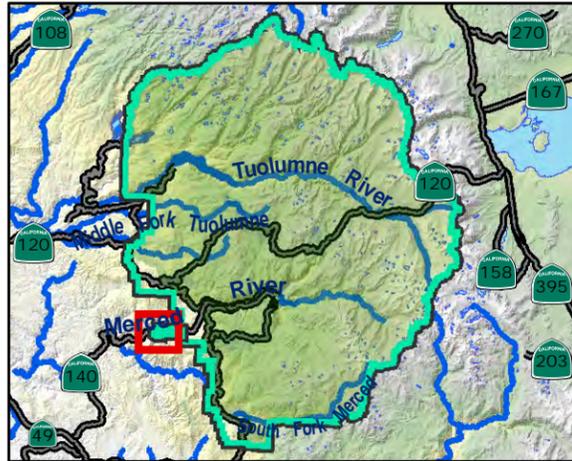
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 1.2 El Portal West



### Map Features

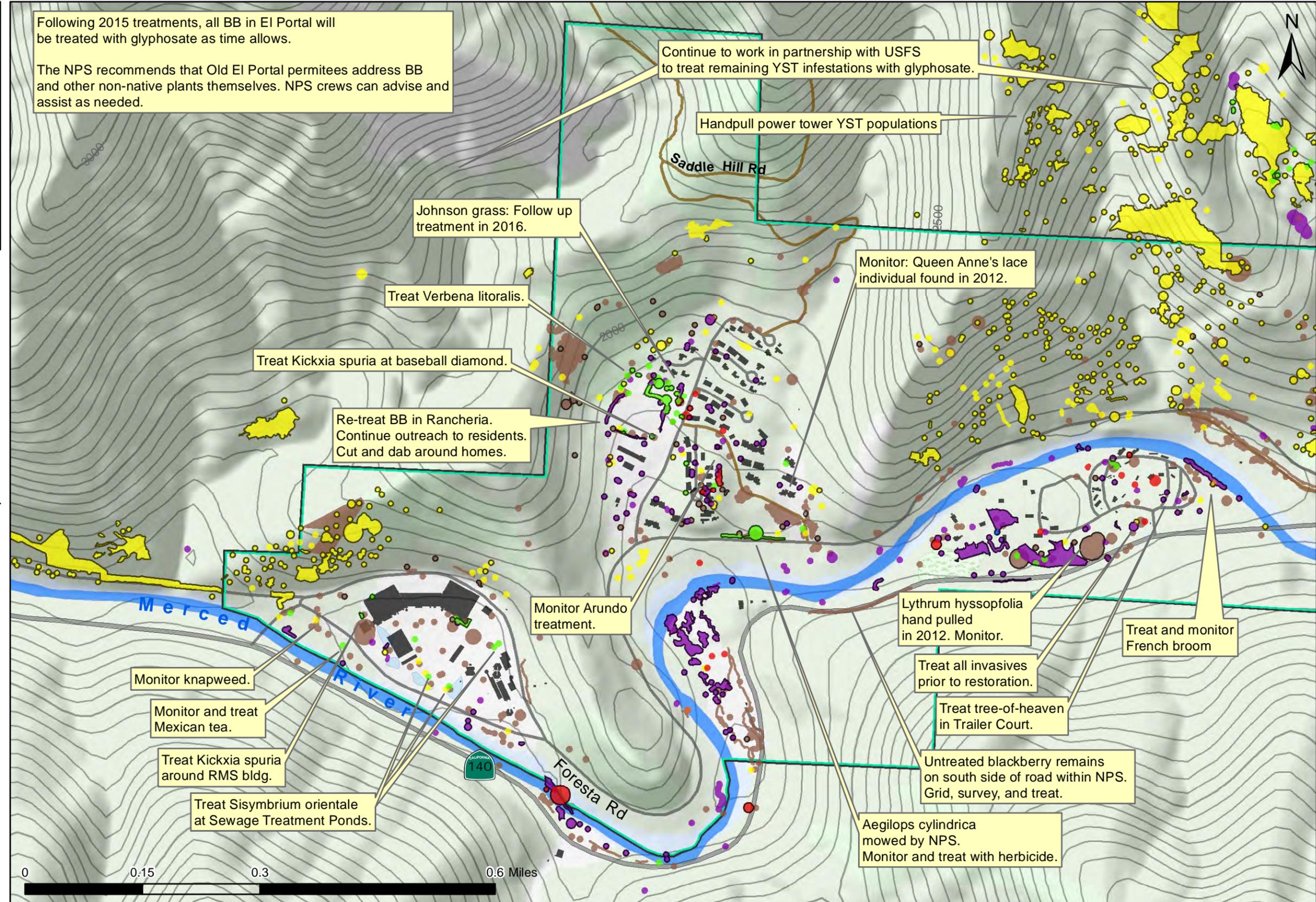
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

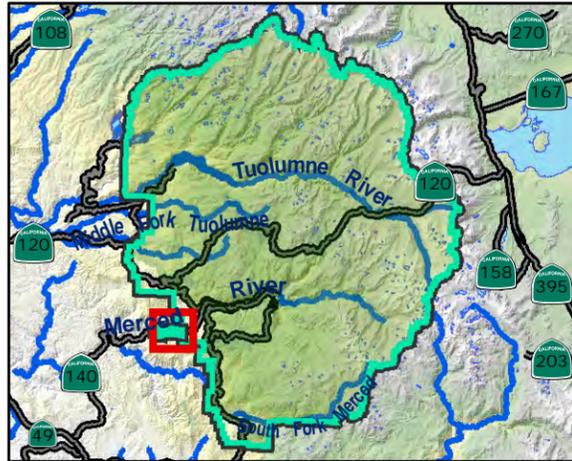
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Broom Species
- Bull thistle
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 1.3 El Portal East



### Map Features

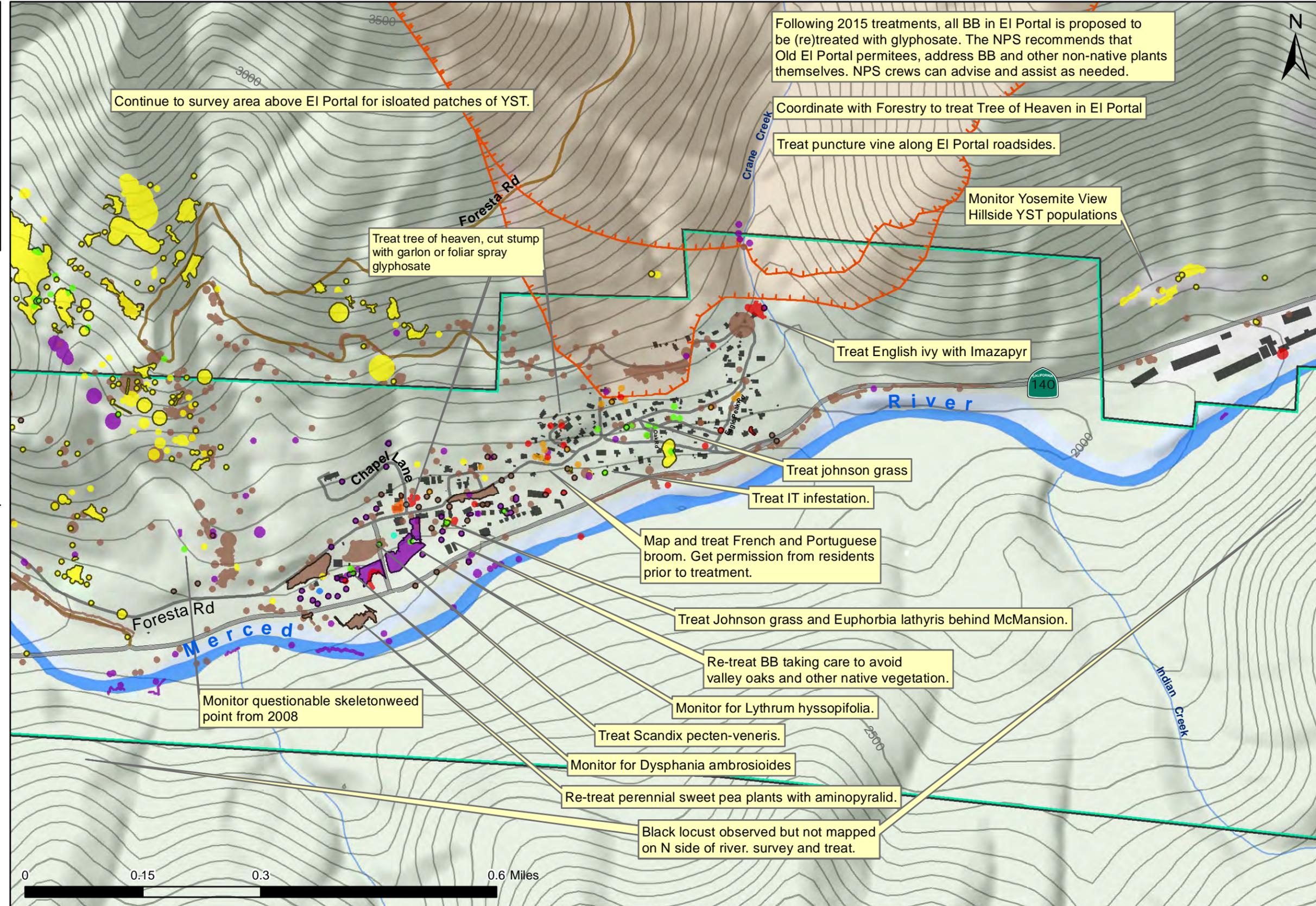
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

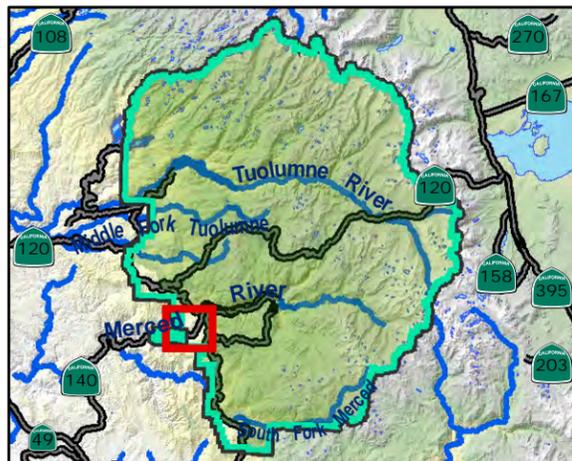
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Broom Species
- Bull thistle
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 1.4 Arch Rock



### Map Features

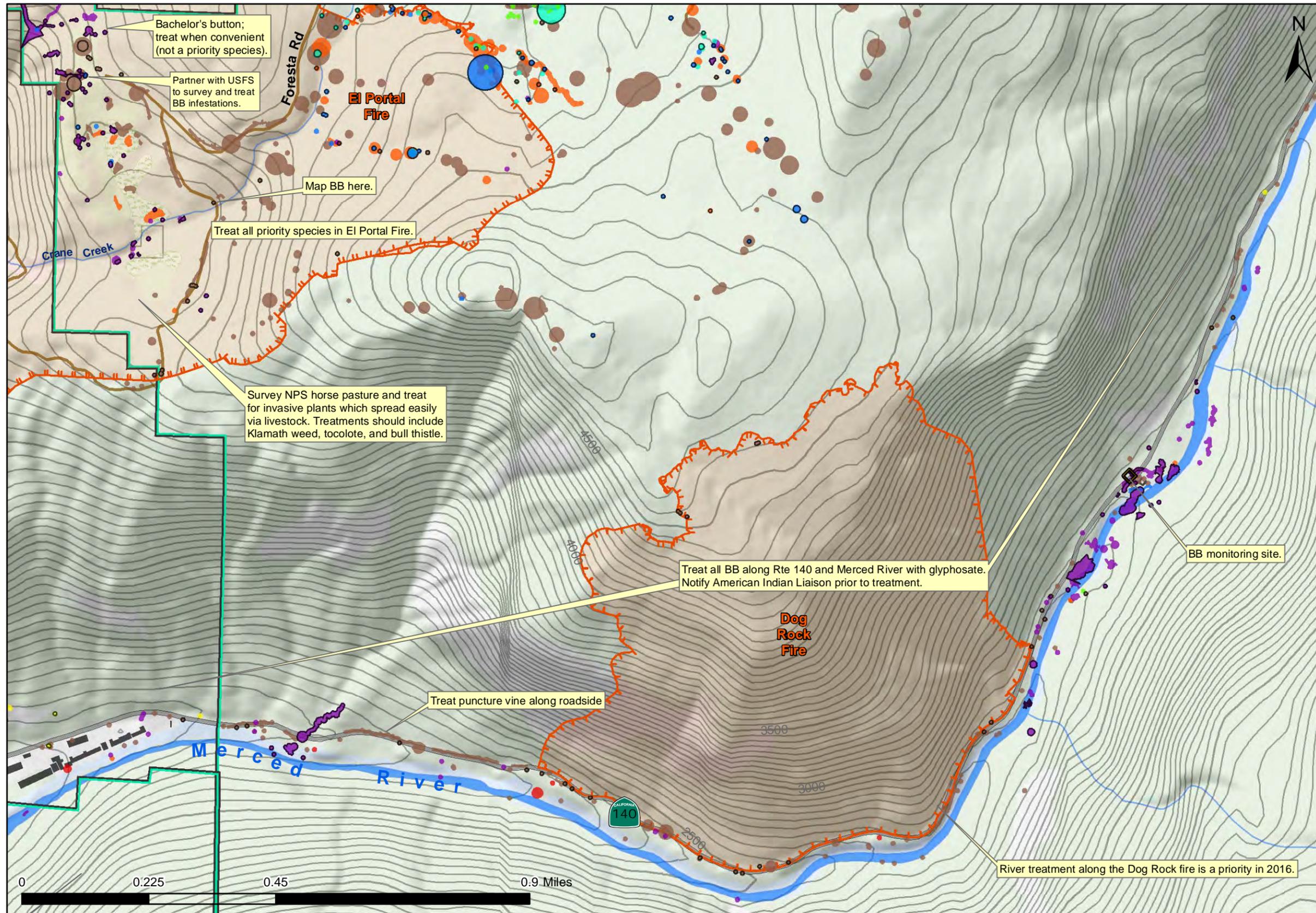
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

### Invasives Plant Species

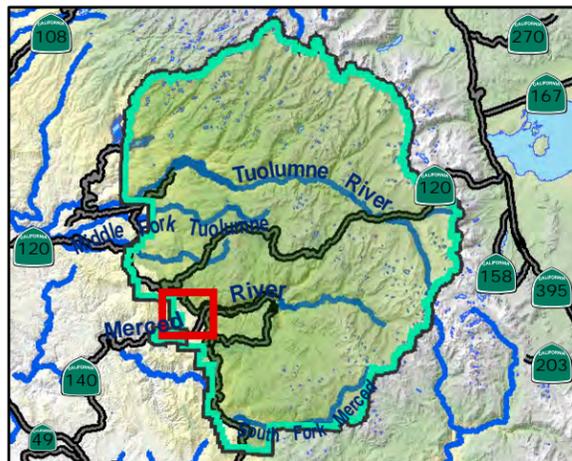
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 1.5 Foresta & Big Meadow

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

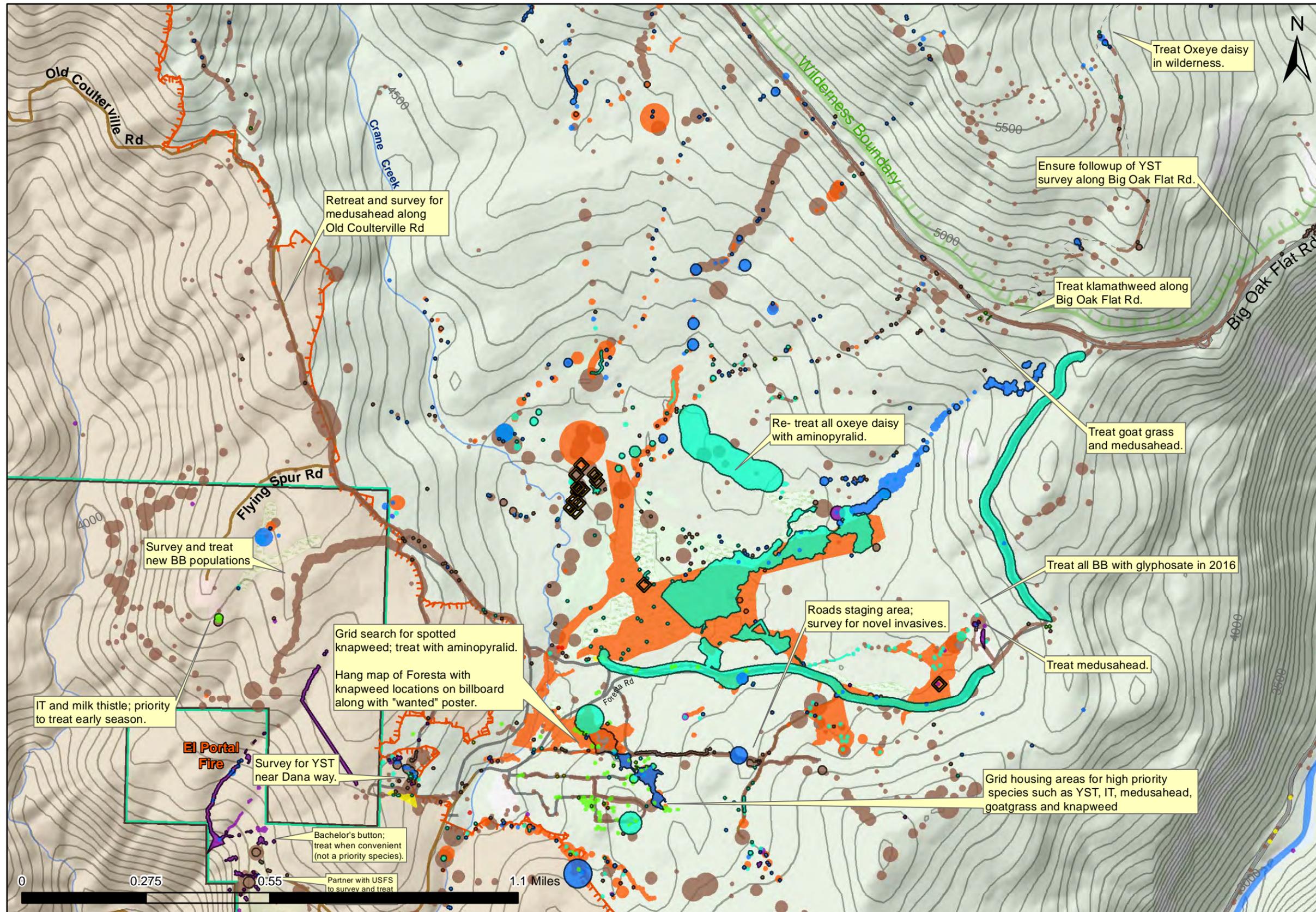
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle

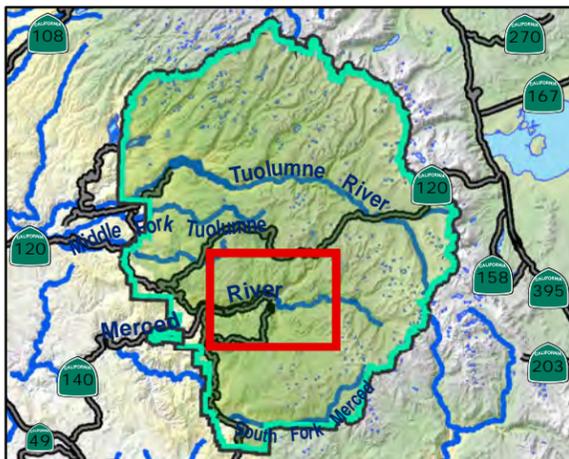




# 2016 Invasive Plant Work Plan

## 2.0 Yosemite Valley

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior

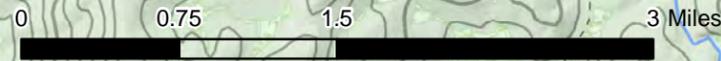
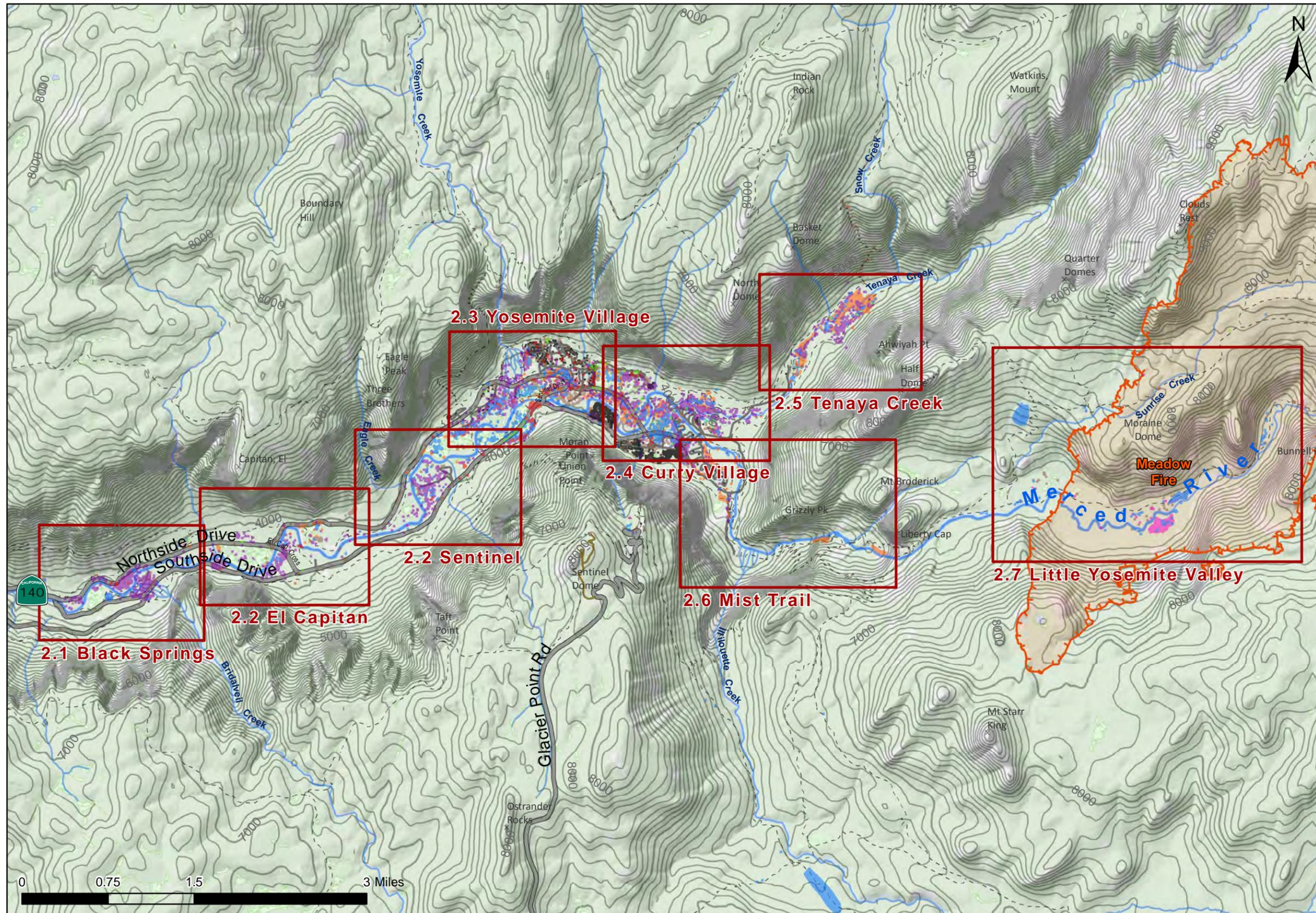


### Map Features

- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasives Plant Species

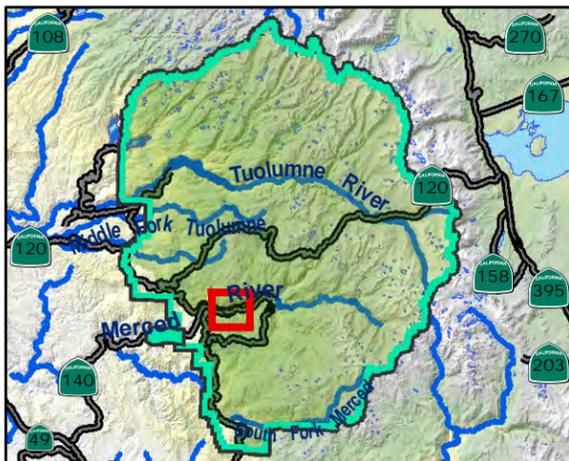
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle





# 2016 Invasive Plant Work Plan

## 2.1 Black Springs



### Map Features

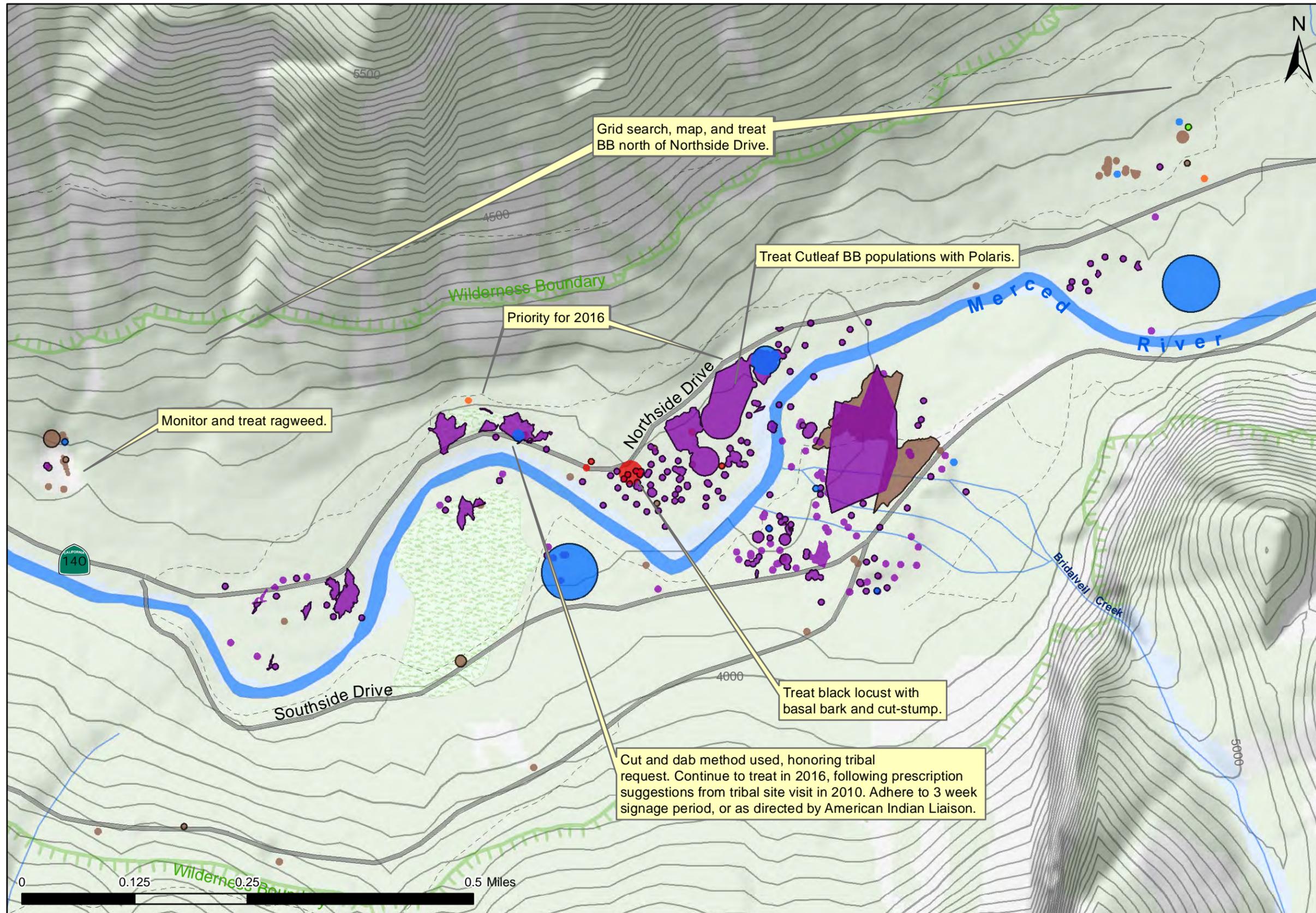
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

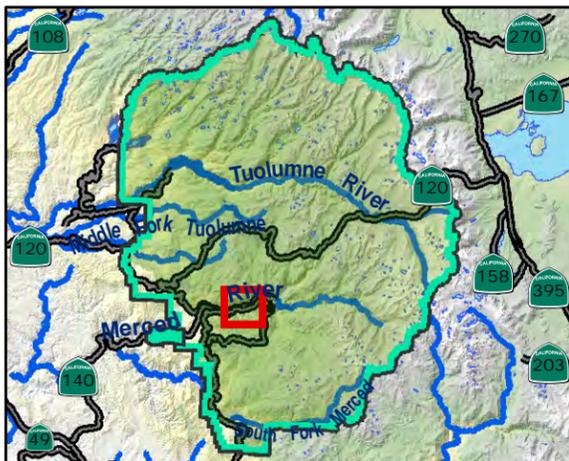
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.2 El Capitan



### Map Features

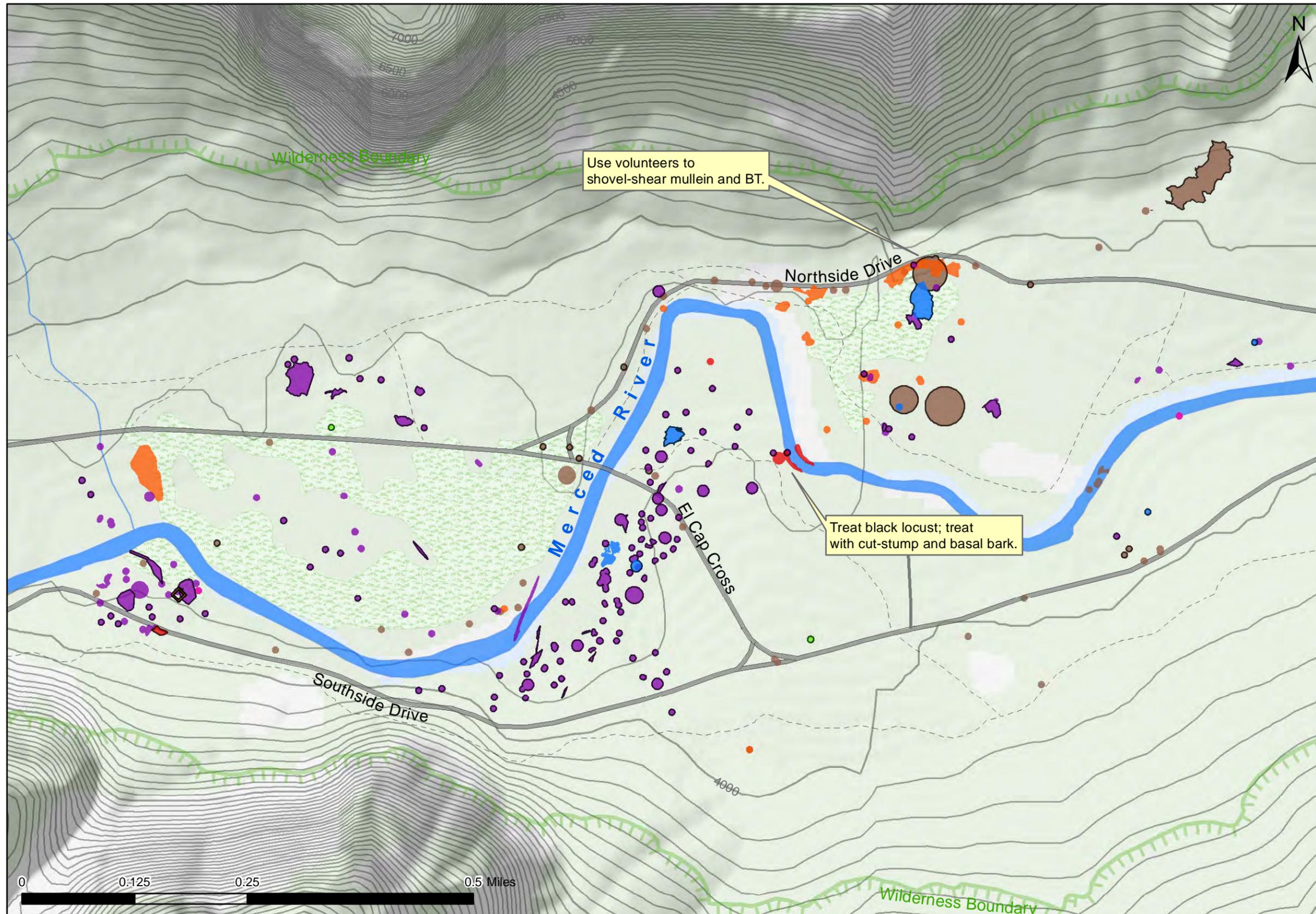
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

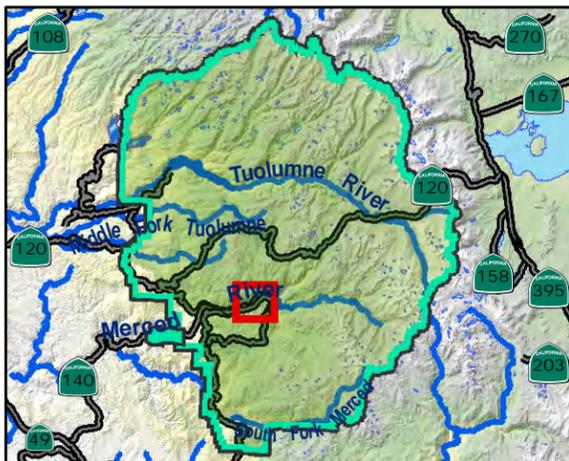
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.3 Sentinel



### Map Features

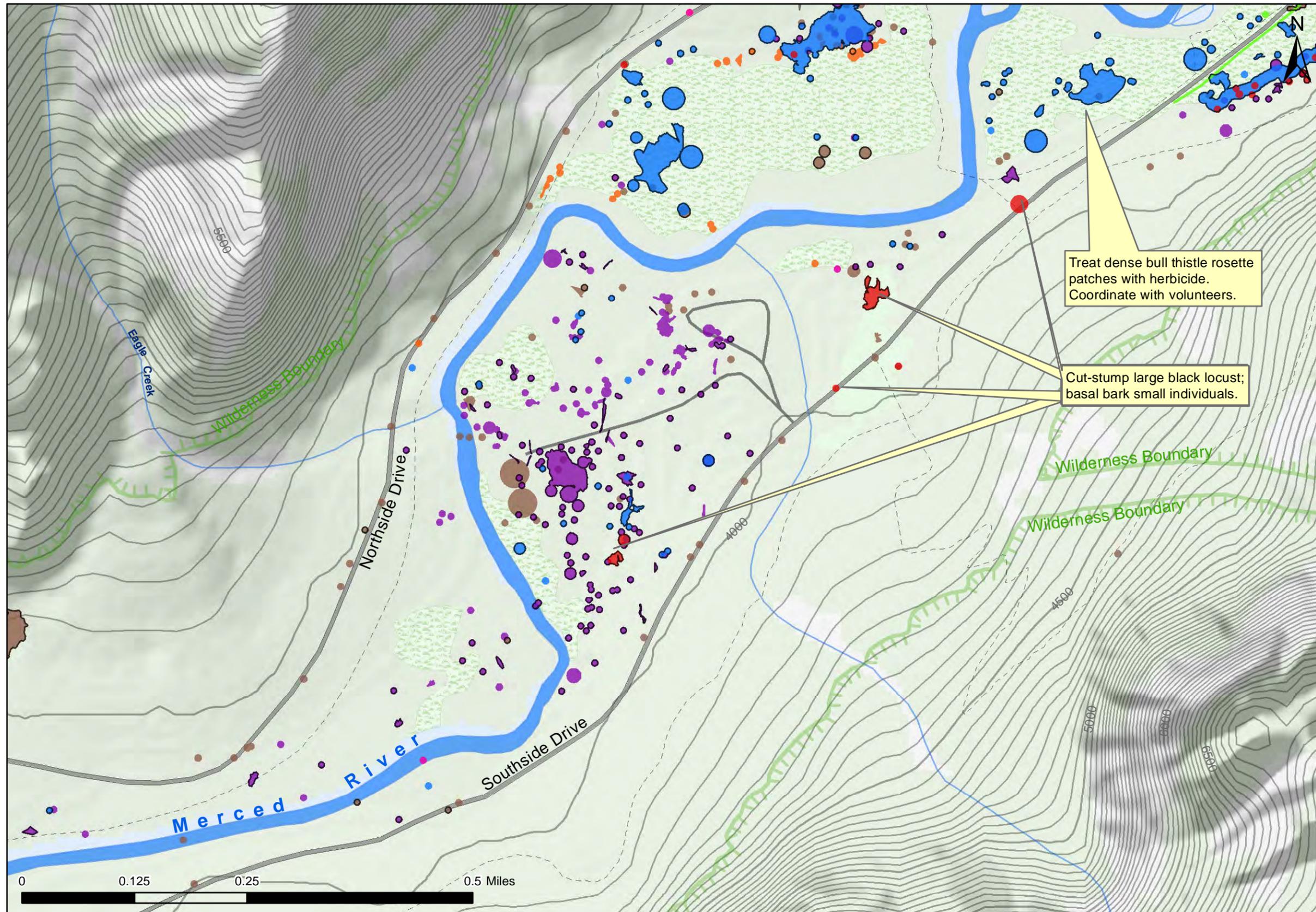
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

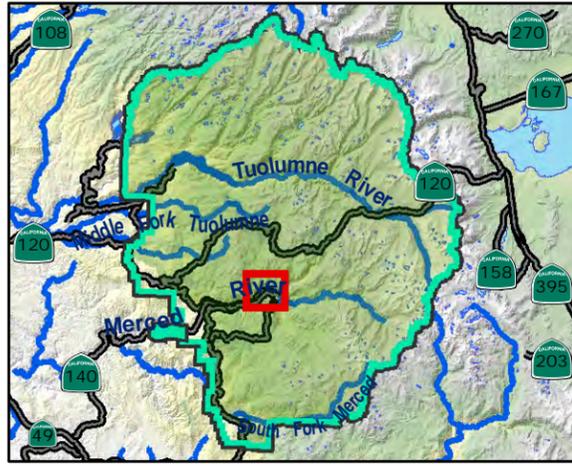
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.4 Yosemite Village

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

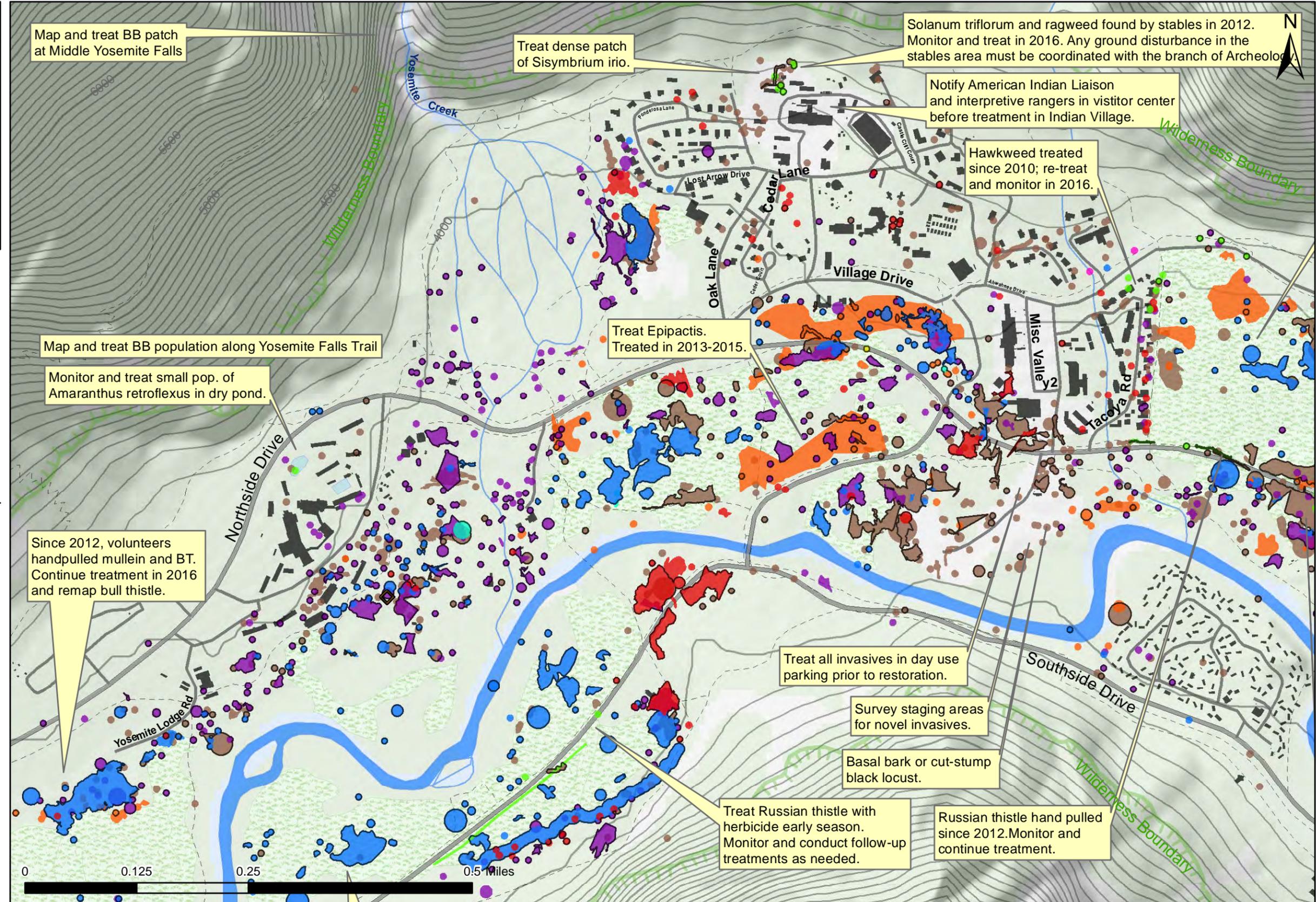
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

### Invasives Plant Species

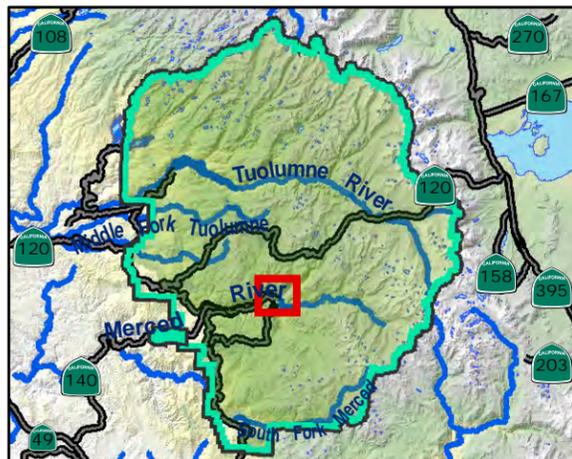
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 2.5 Curry Village

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

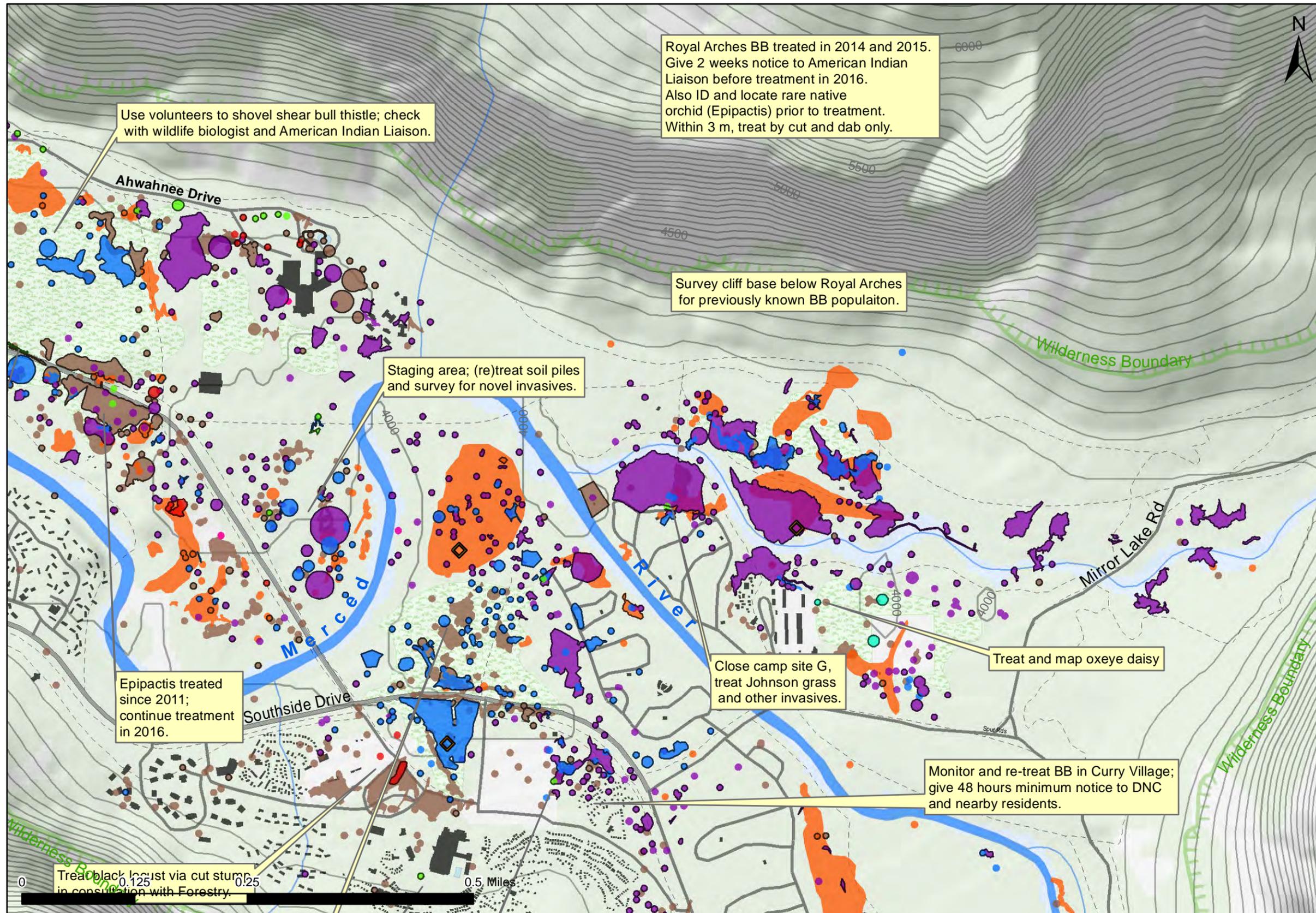
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

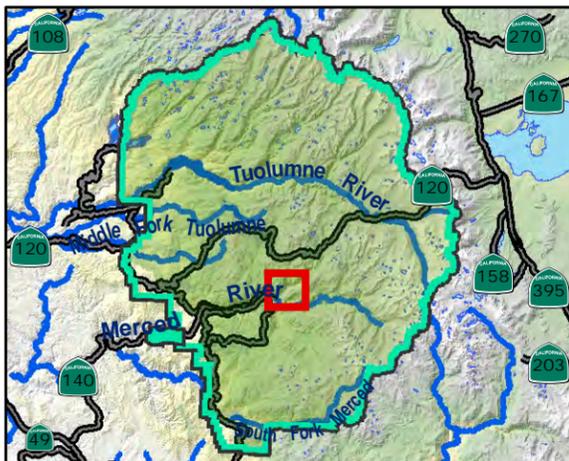
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.6 Tenaya Creek



### Map Features

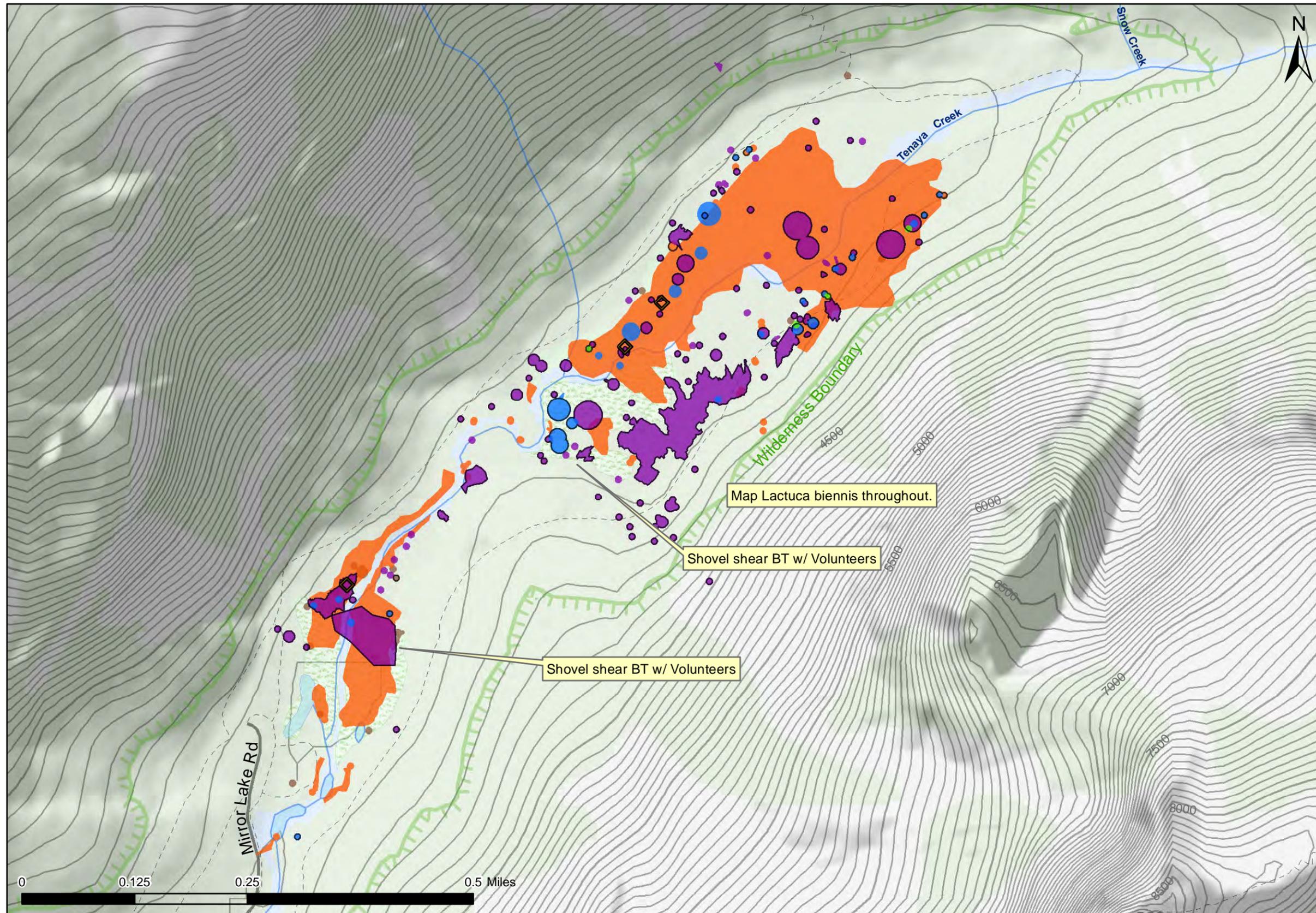
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

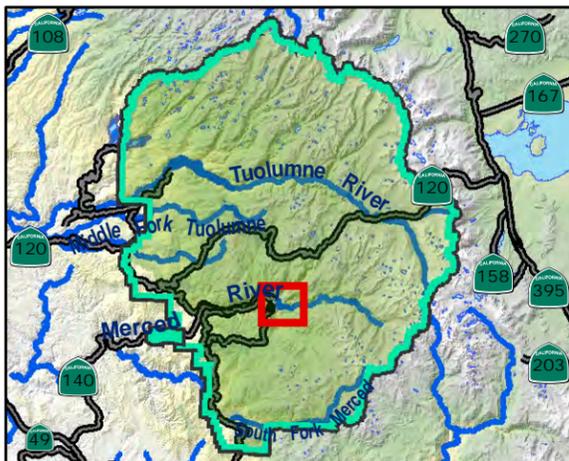
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.7 Mist Trail



### Map Features

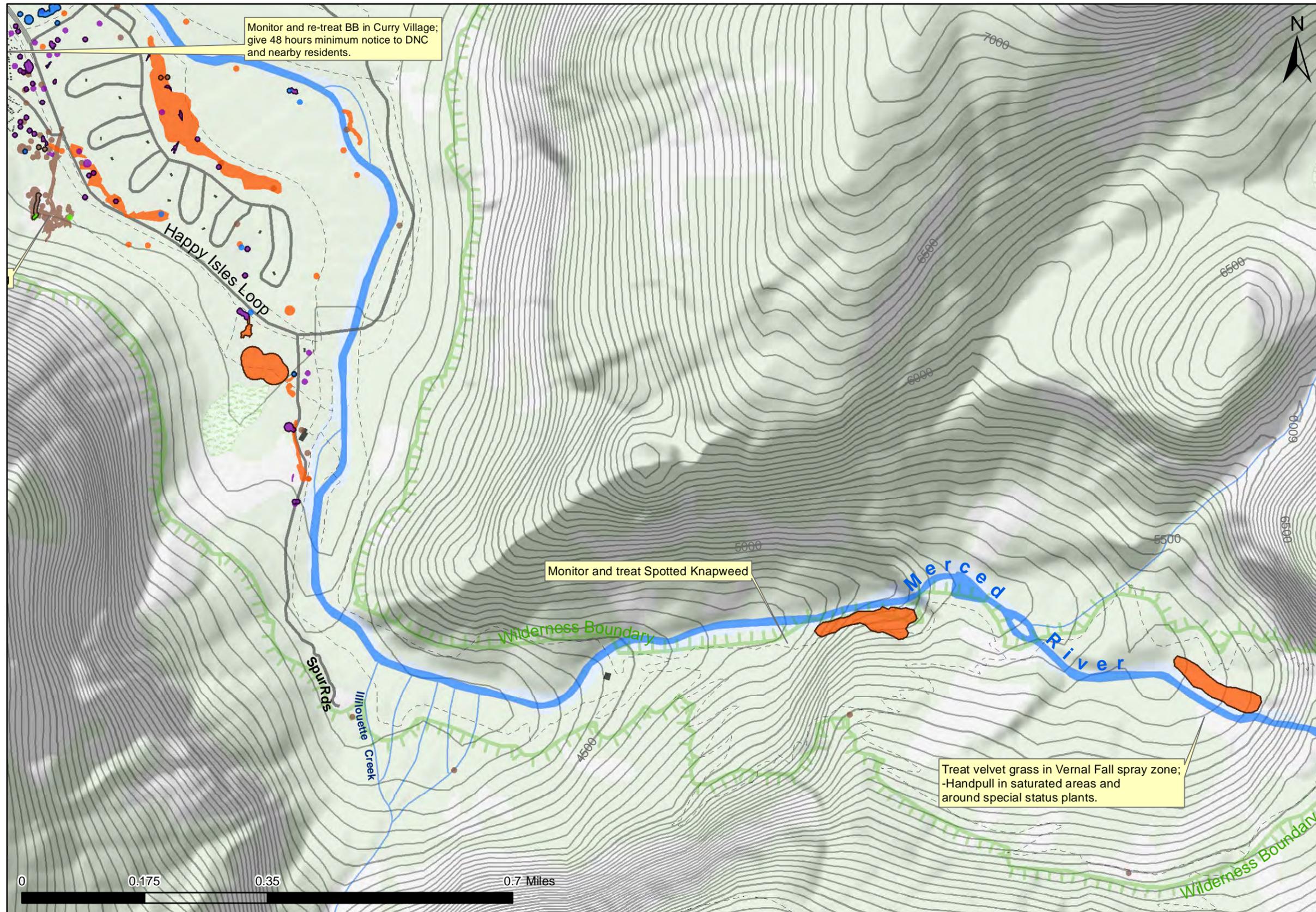
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

### Invasives Plant Species

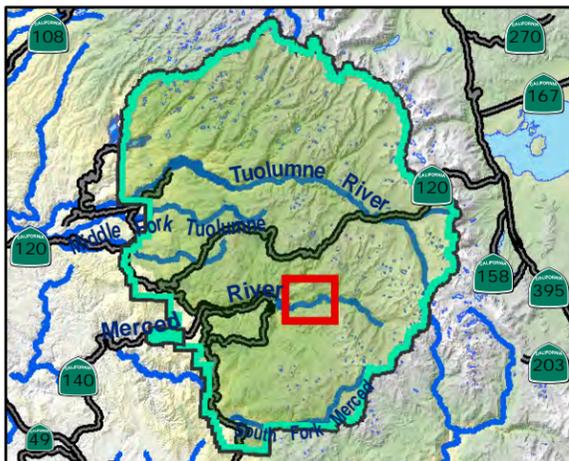
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.8 Little Yosemite Valley

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

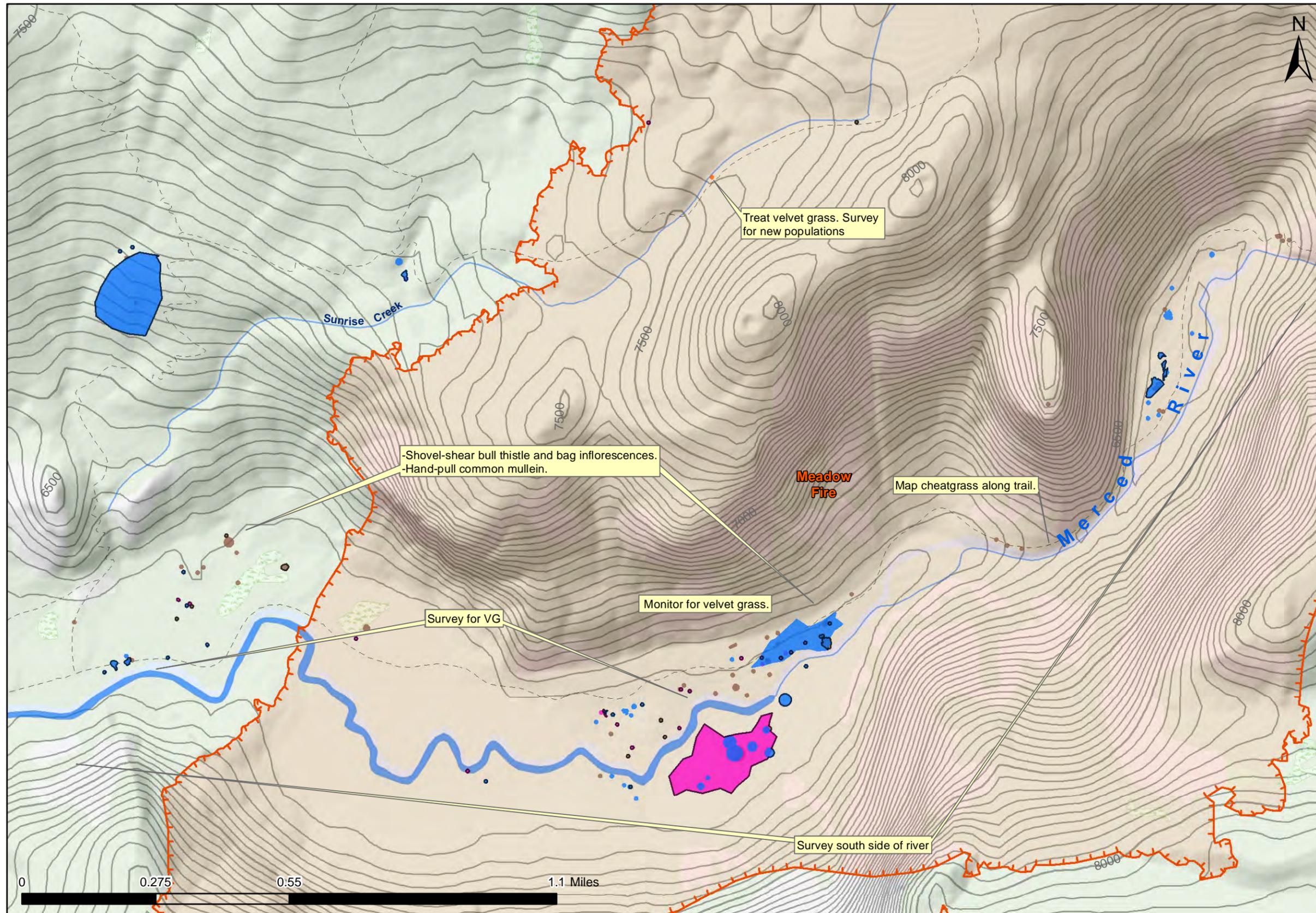
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

### Invasives Plant Species

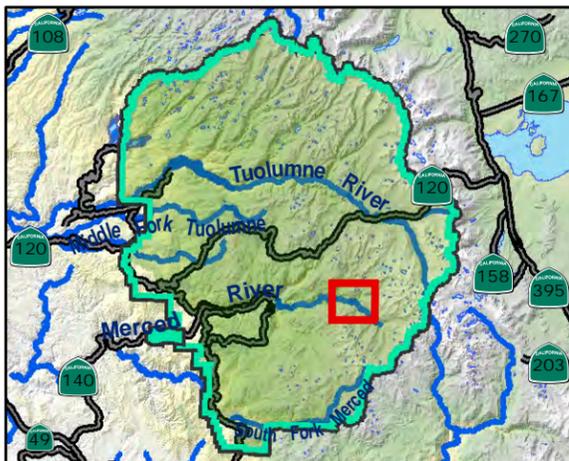
- Lower Priority Species
- Bull thistle
- Dandelion
- Velvet grass



# 2016 Invasive Plant Work Plan

## 2.9 Merced Lake

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

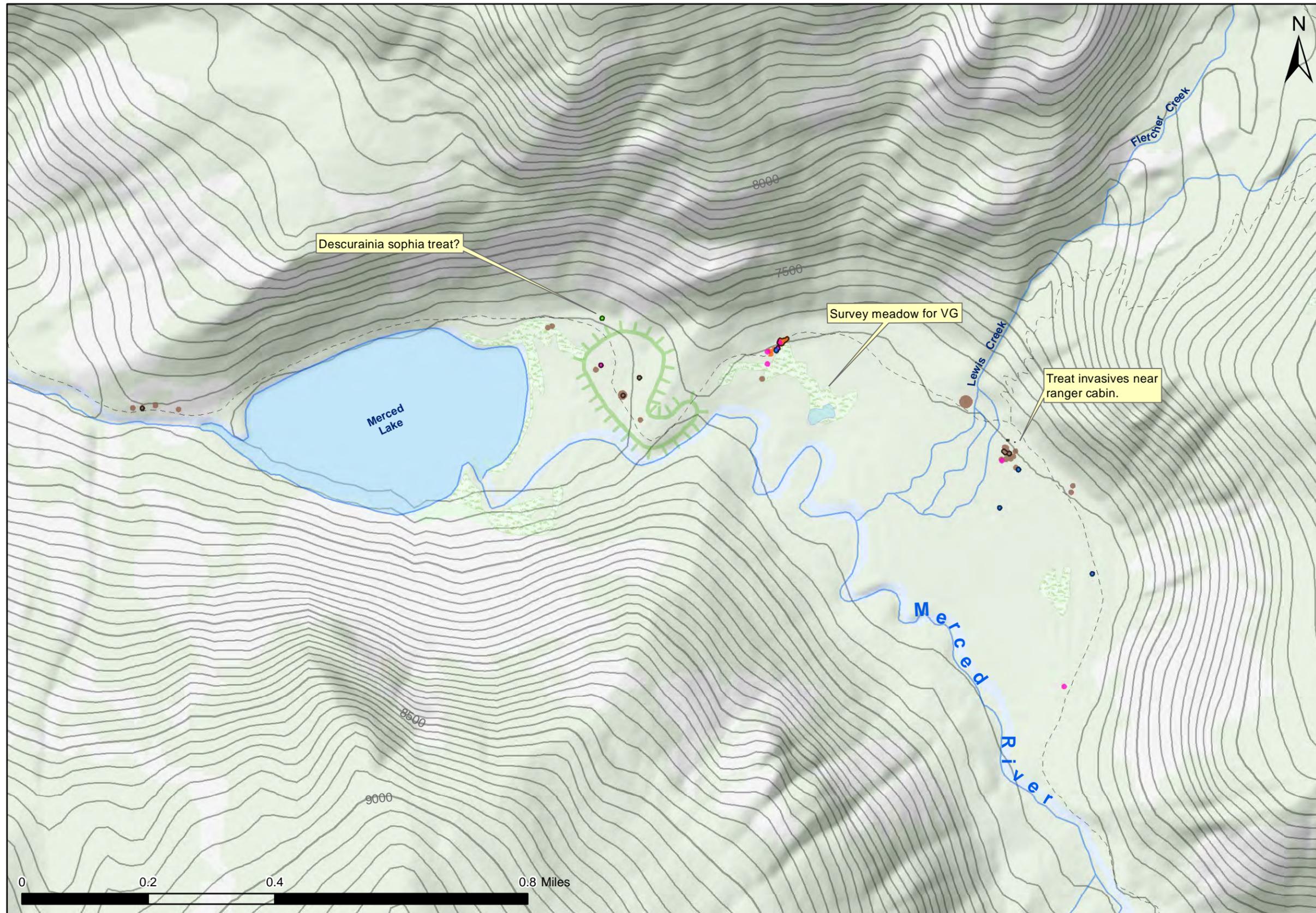
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Bull thistle
- Dandelion
- Velvet grass

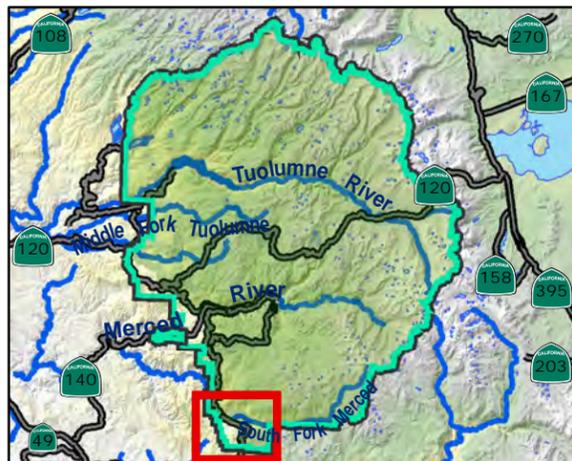




# 2016 Invasive Plant Work Plan

## 3.0 Wawona Region

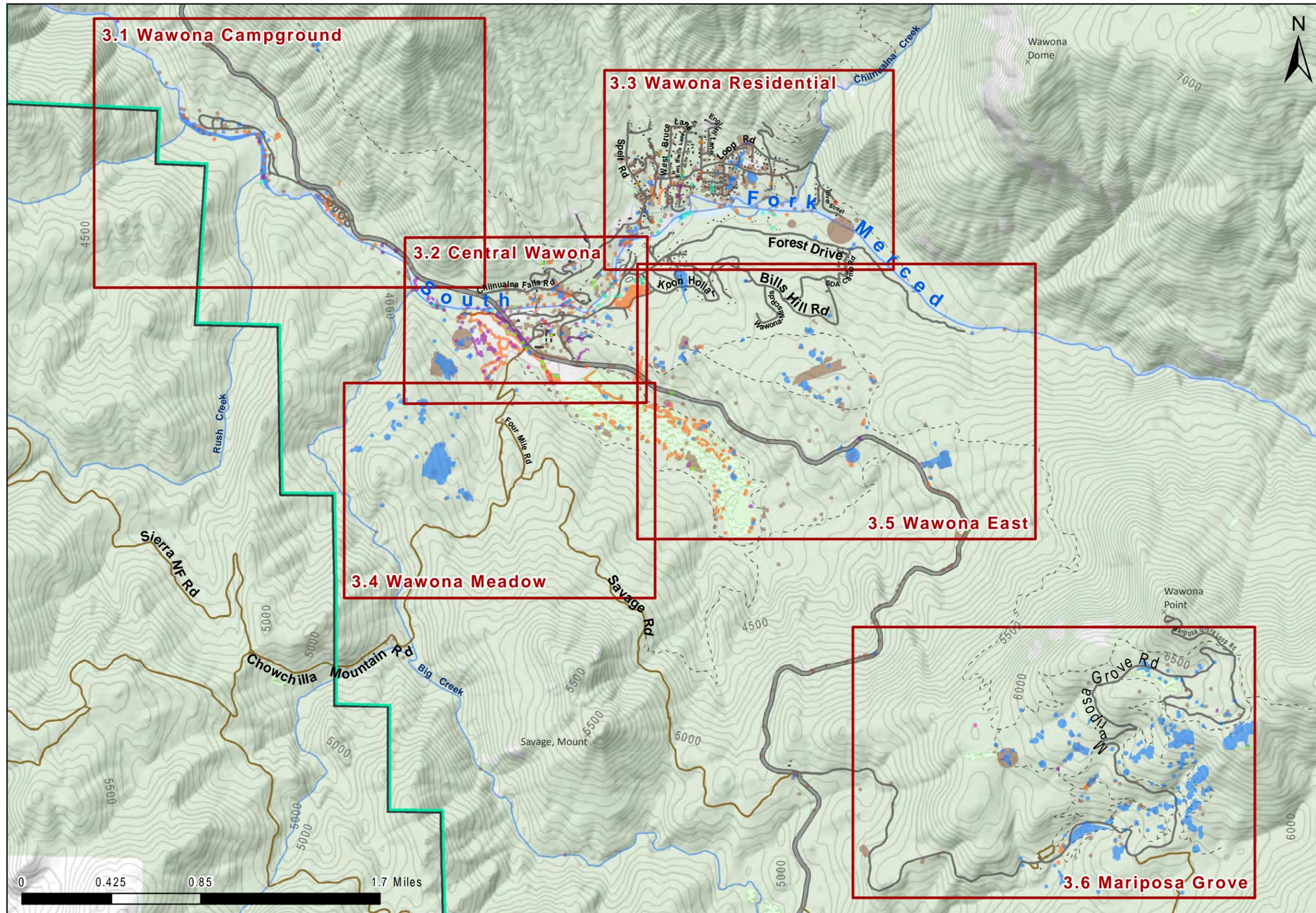
Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features



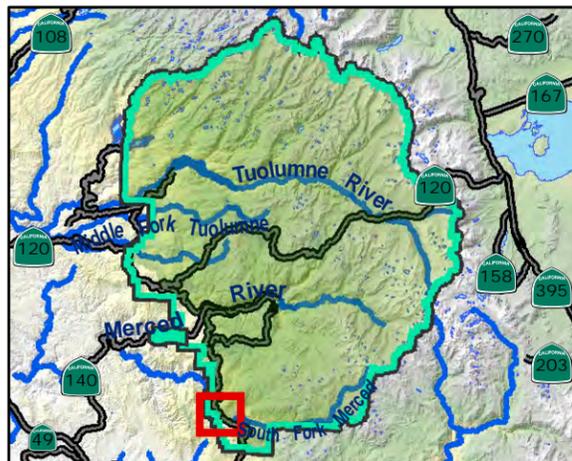
### Invasives Plant Species





# 2016 Invasive Plant Work Plan

## 3.1 Wawona Campground



### Map Features

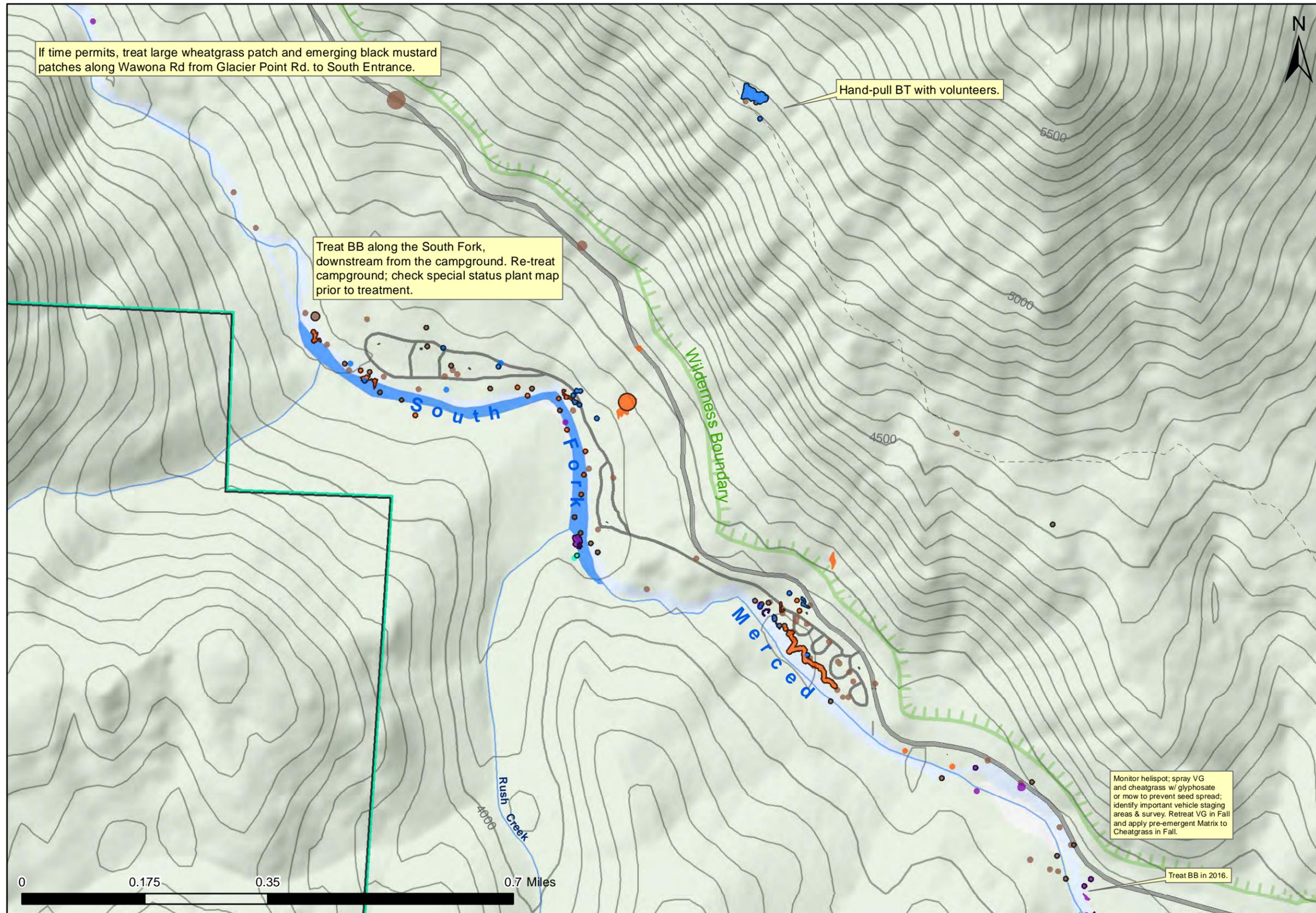
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

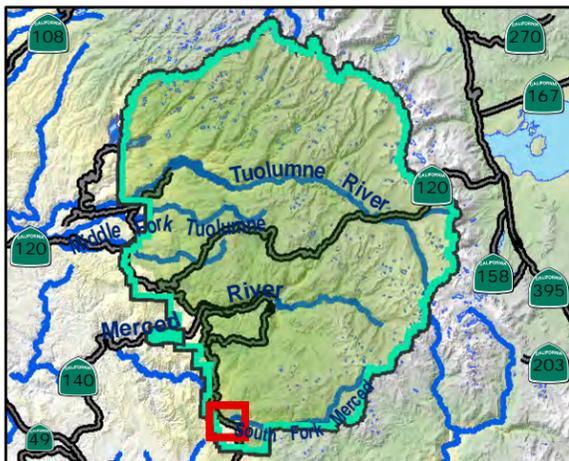
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Oxeye daisy
- Velvet grass



# 2016 Invasive Plant Work Plan

## 3.2 Central Wawona



### Map Features

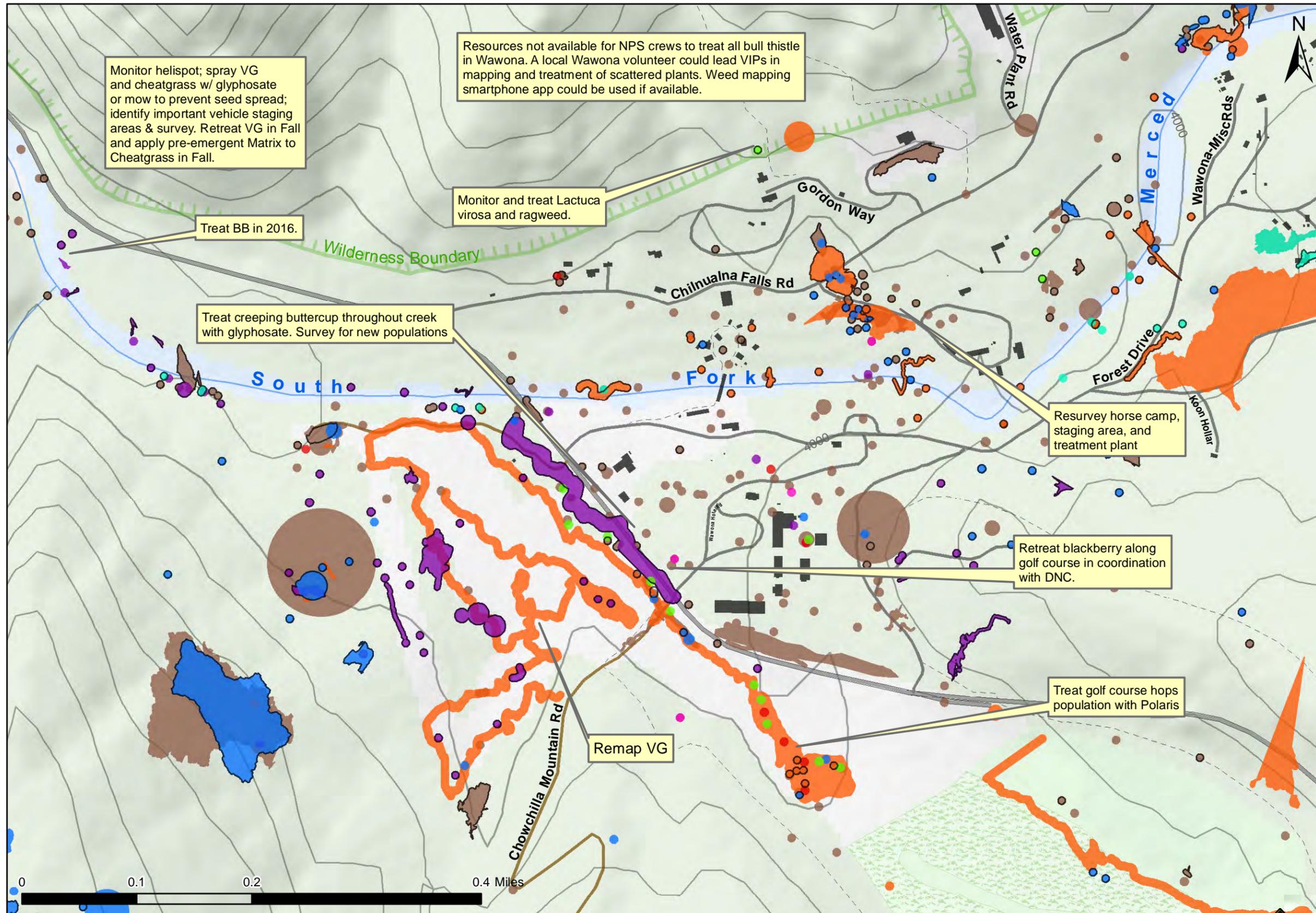
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

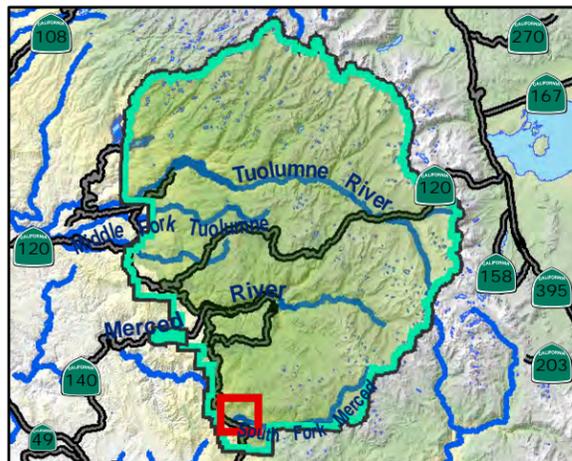
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 3.3 Wawona Residential



### Map Features

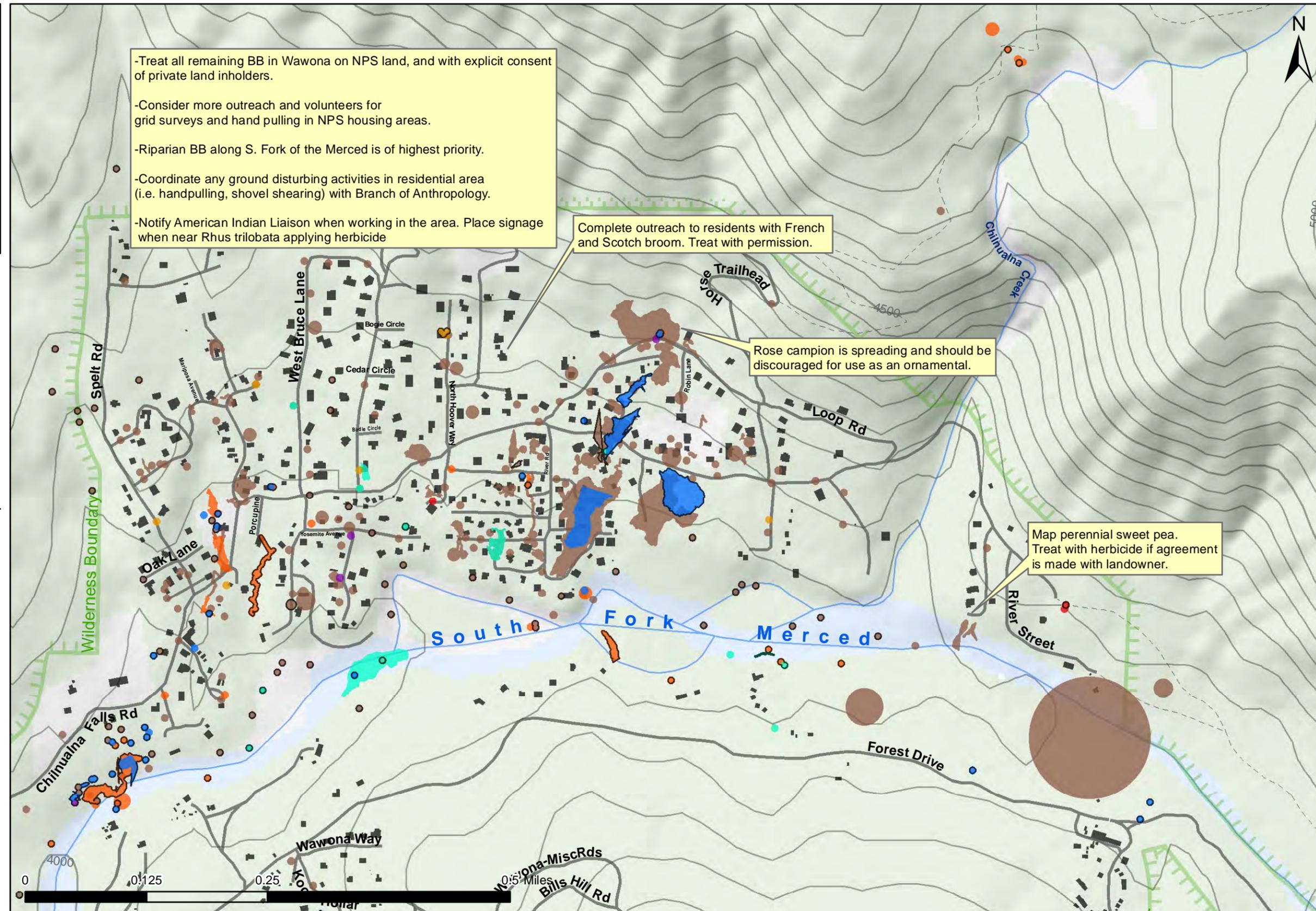
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

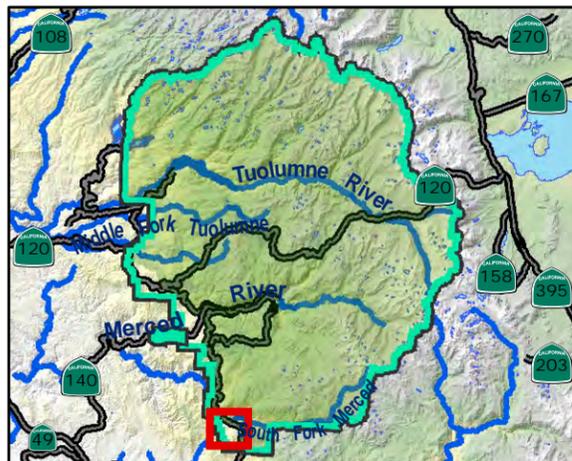
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Broom Species
- Bull thistle
- Oxeye daisy
- Perennial Woody Species
- Velvet grass



# 2016 Invasive Plant Work Plan

## 3.4 Wawona Meadow



### Map Features

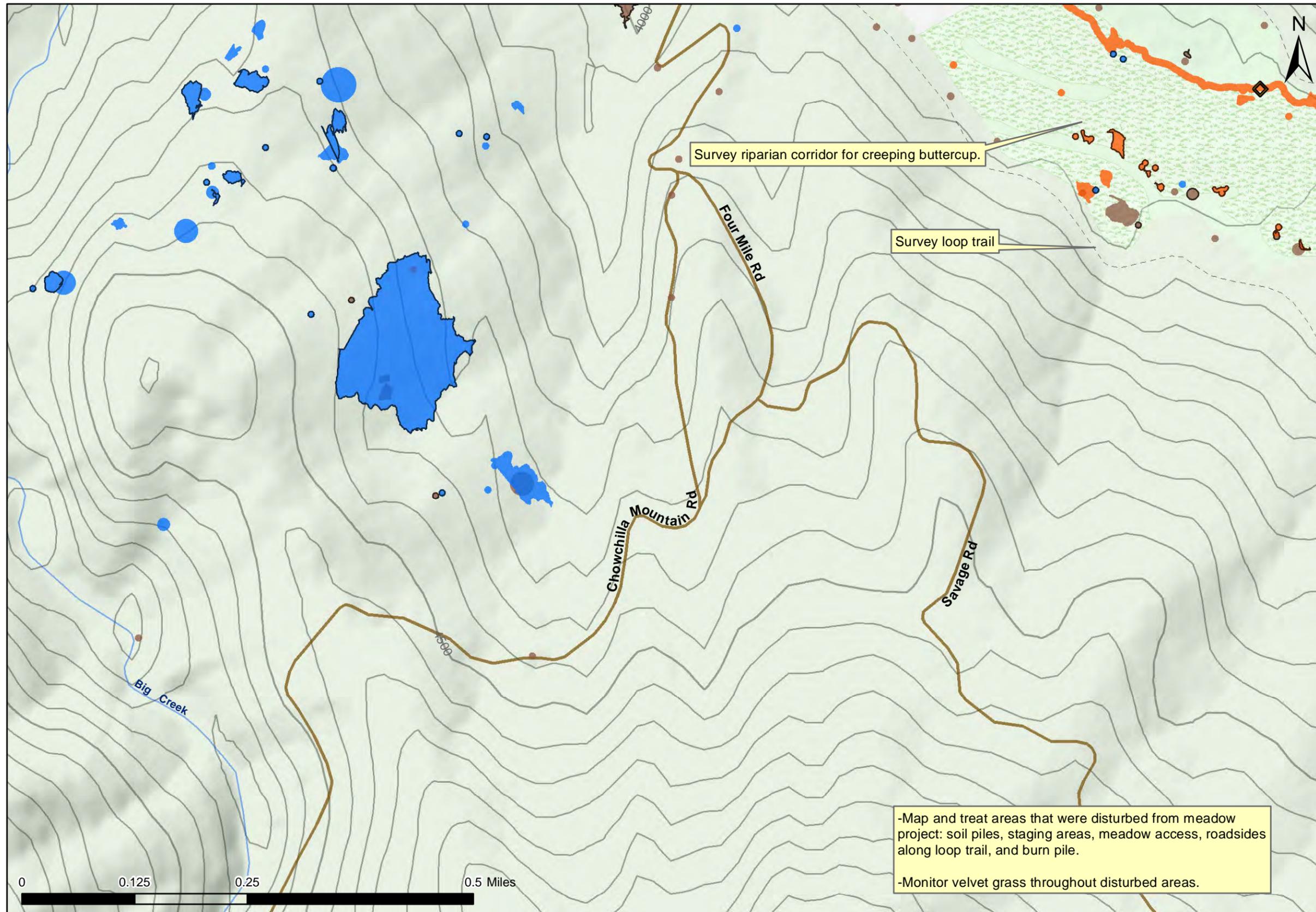
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

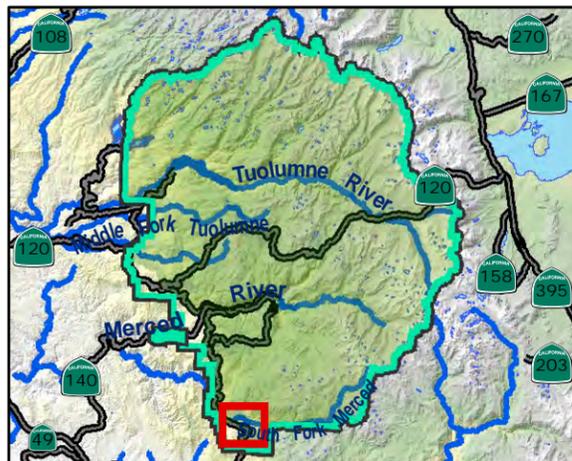
- Lower Priority Species  
 Bull thistle  
 Velvet grass



-Map and treat areas that were disturbed from meadow project: soil piles, staging areas, meadow access, roadsides along loop trail, and burn pile.  
 -Monitor velvet grass throughout disturbed areas.

# 2016 Invasive Plant Work Plan

## 3.5 Wawona East



### Map Features

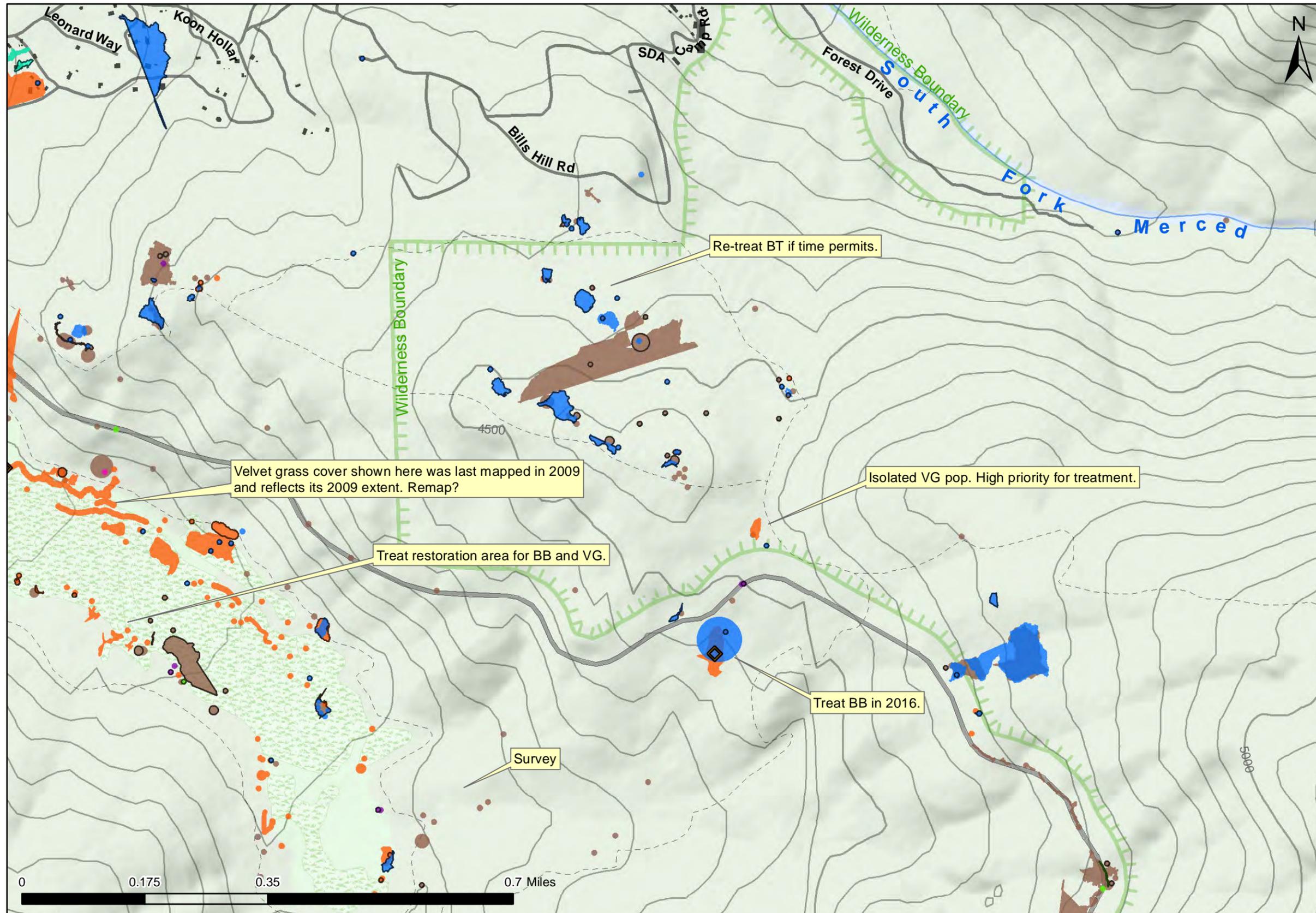
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

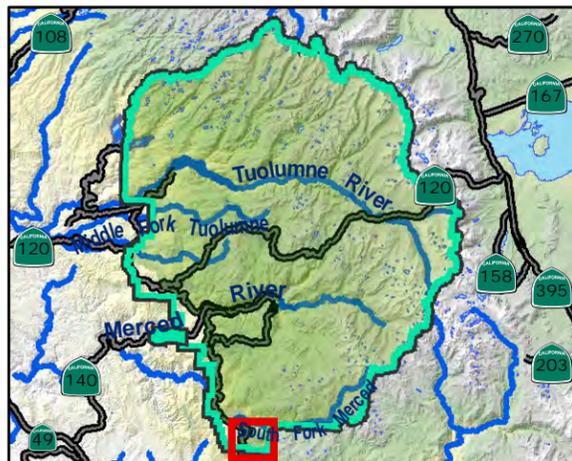
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Velvet grass



# 2016 Invasive Plant Work Plan

## 3.6 Mariposa Grove



### Map Features

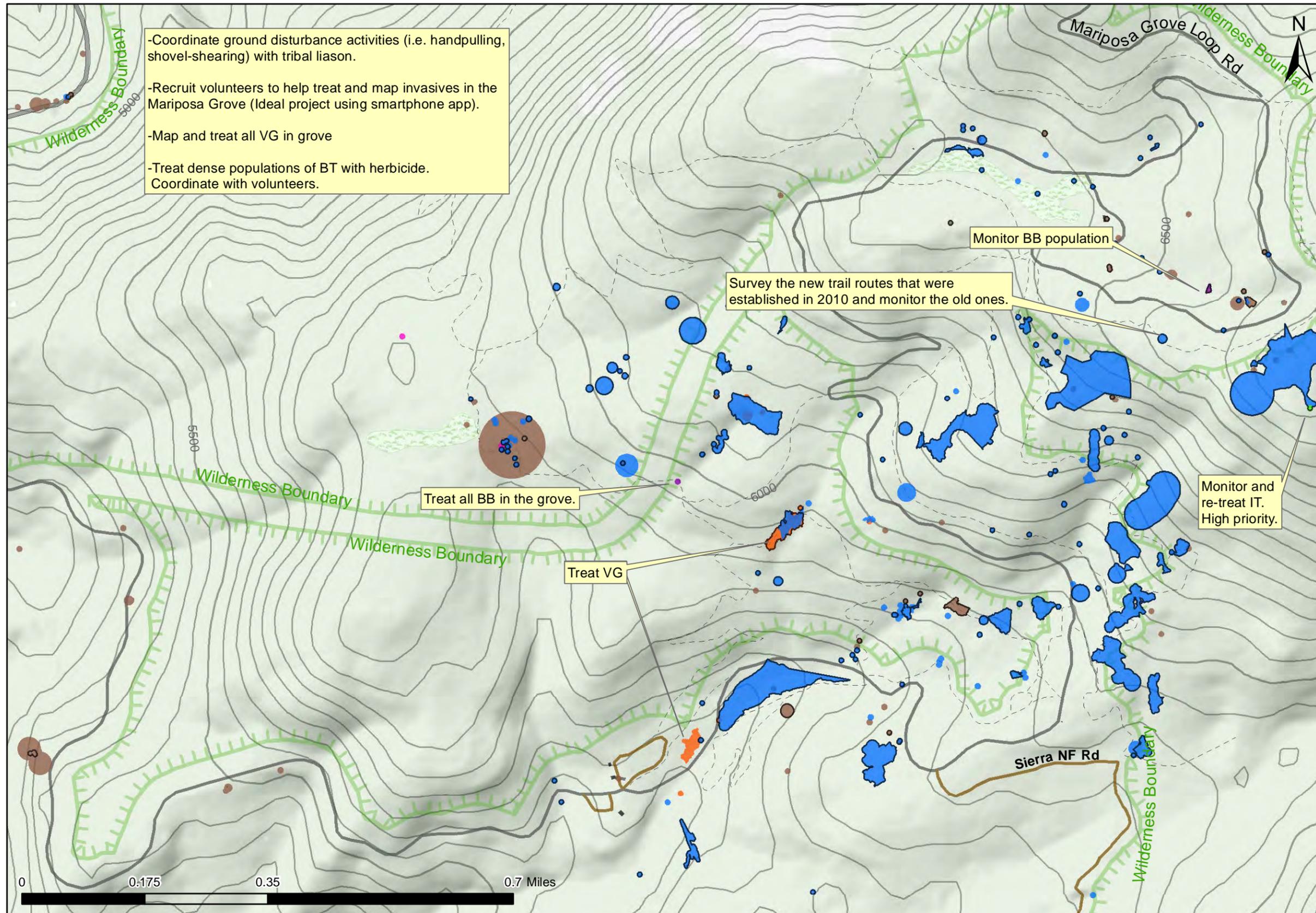
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

### Invasives Plant Species

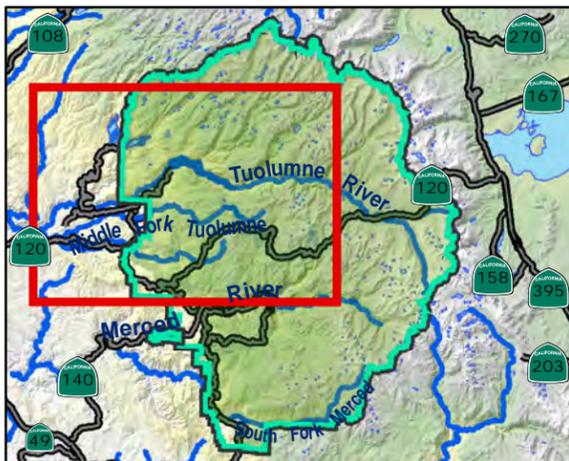
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion
- Velvet grass



# 2016 Invasive Plant Work Plan

## 4.0 Northern Yosemite/Rim Fire

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior

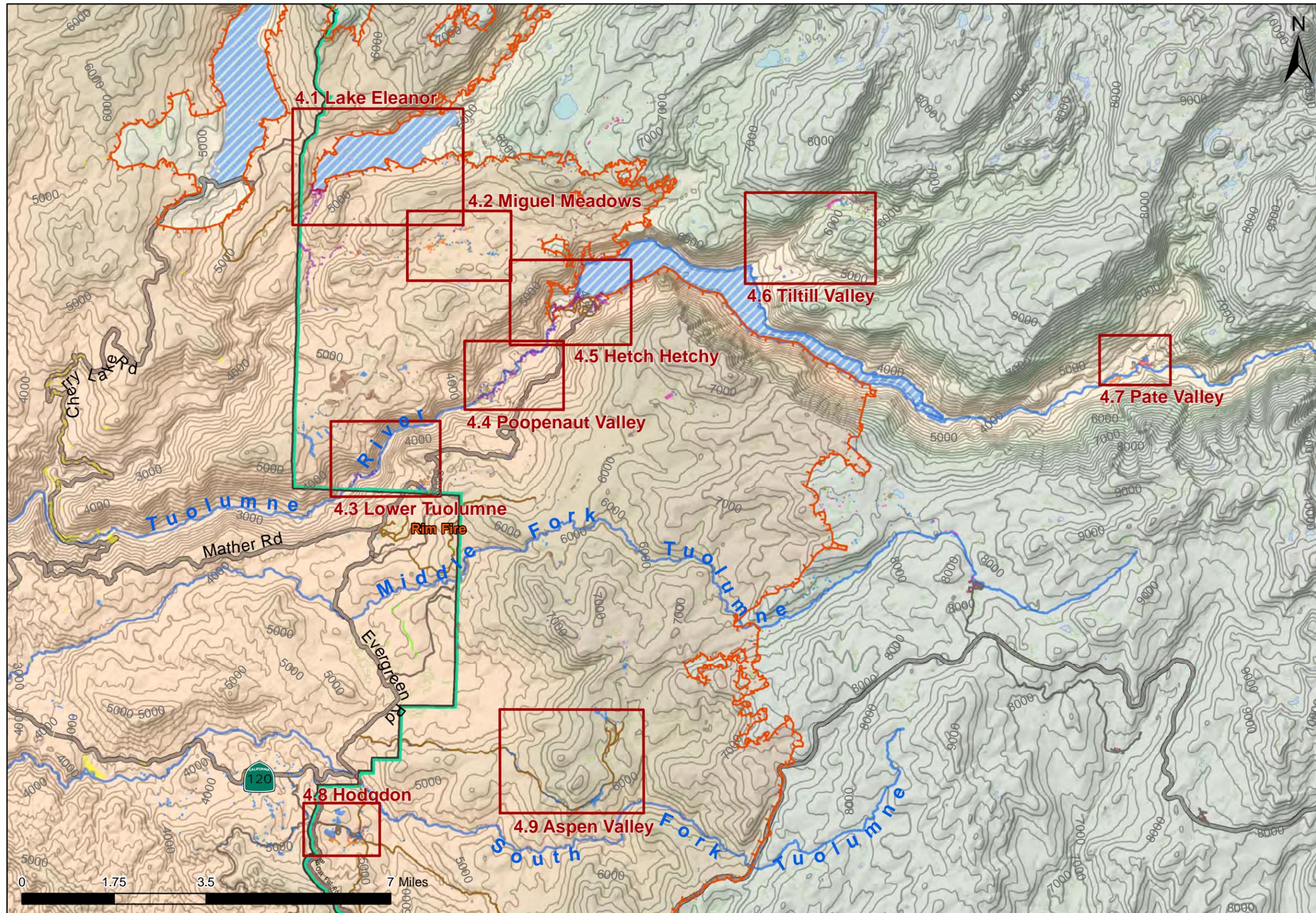


### Map Features

- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasives Plant Species

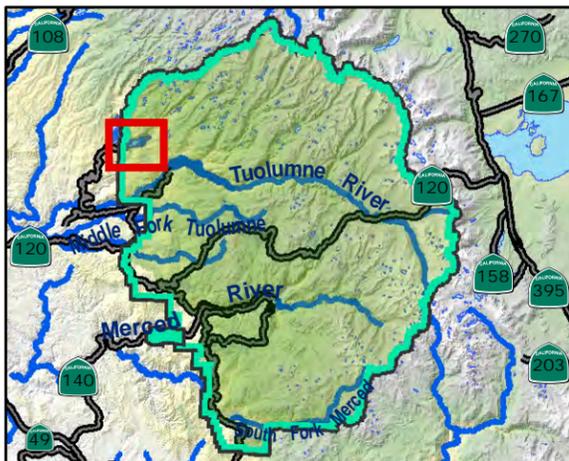
- Lower Priority Species
- Early Detection Species
- Blackberry
- Broom Species
- Bull thistle
- Dandelion
- Oxeye daisy
- Perennial Woody Species
- Velvet grass
- Yellow star-thistle





# 2016 Invasive Plant Work Plan

## 4.1 Lake Eleanor



### Map Features

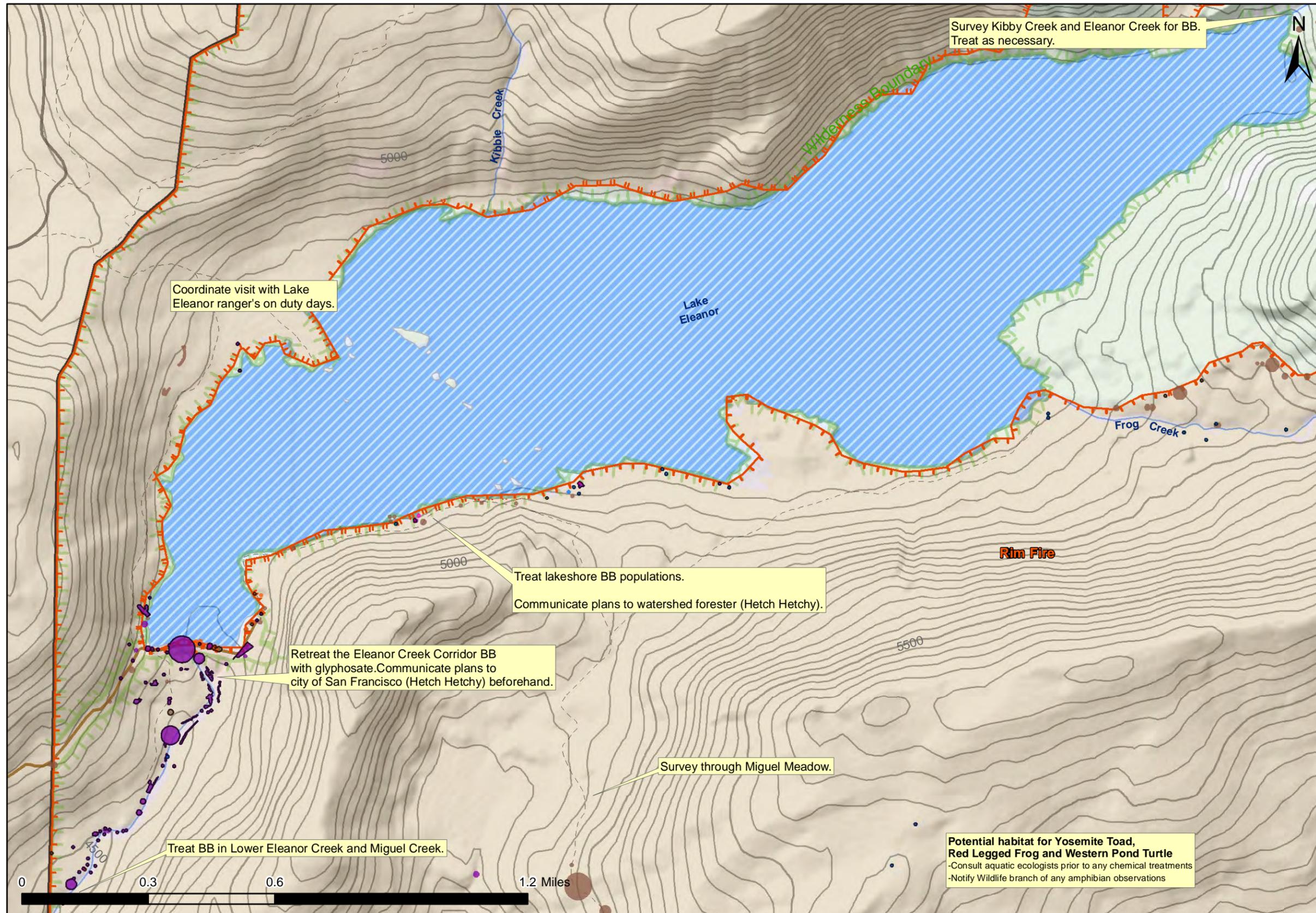
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

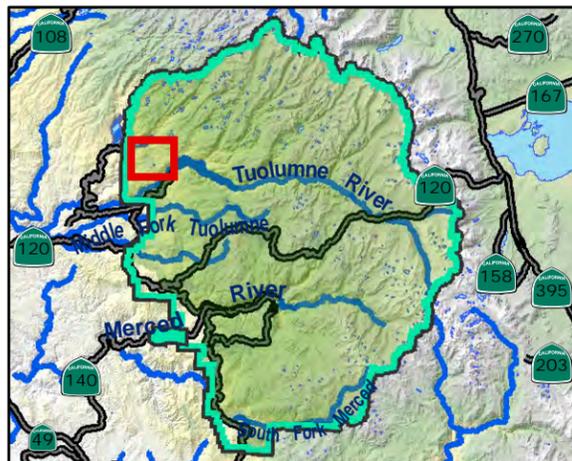
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Dandelion
- Velvet grass



# 2016 Invasive Plant Work Plan

## 4.2 Miguel Meadows



### Map Features

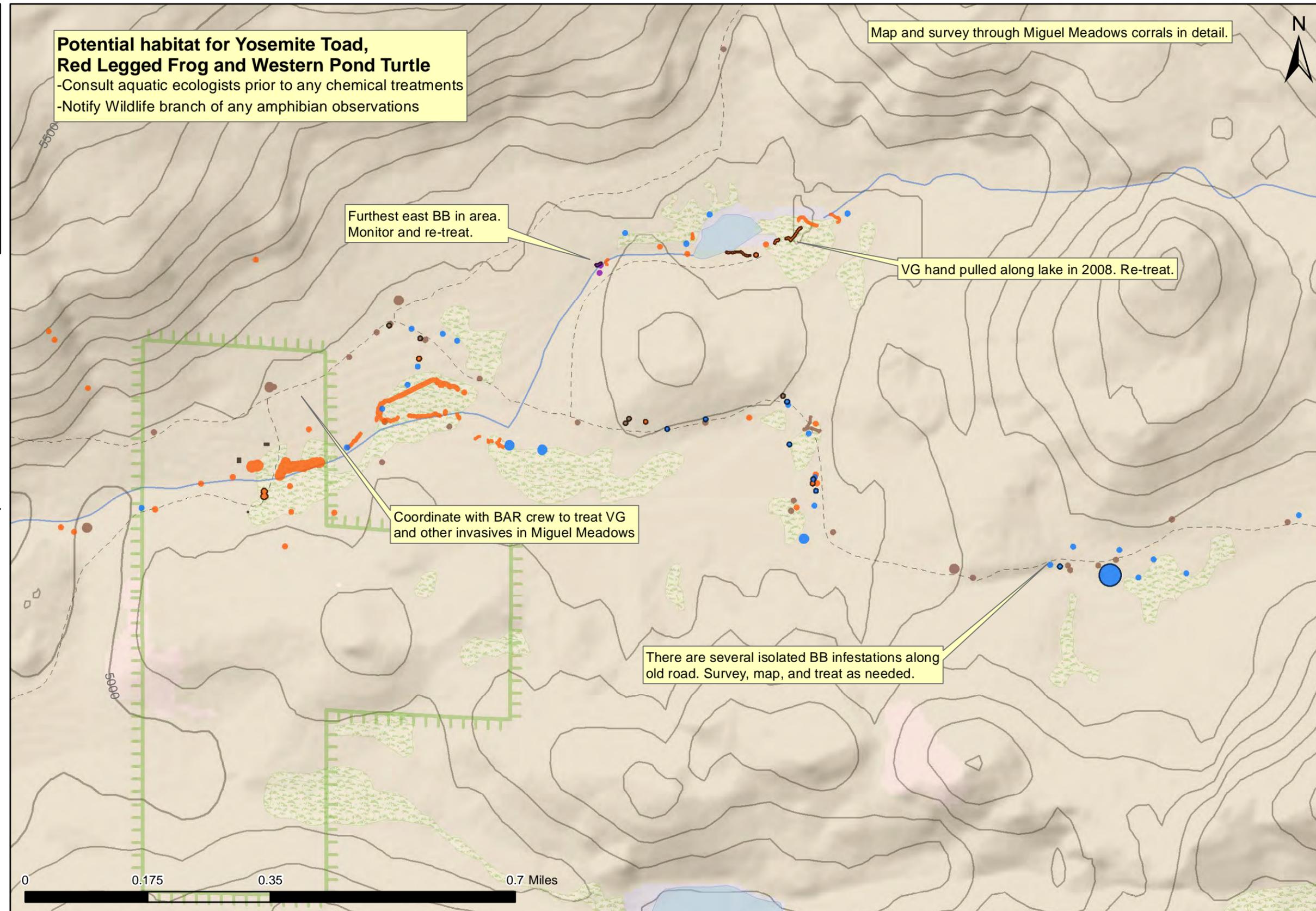
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

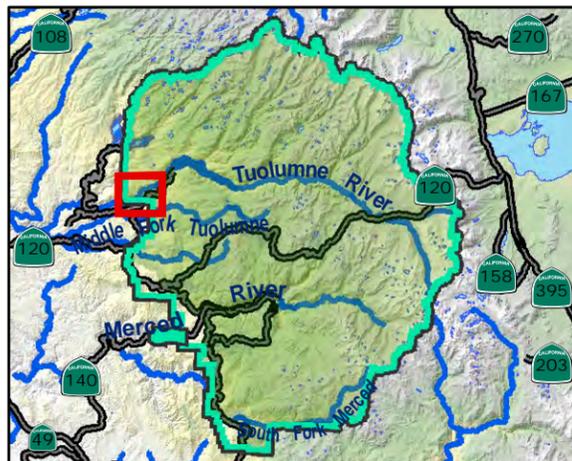
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Velvet grass



# 2016 Invasive Plant Work Plan

## 4.3 Lower Tuolumne



### Map Features

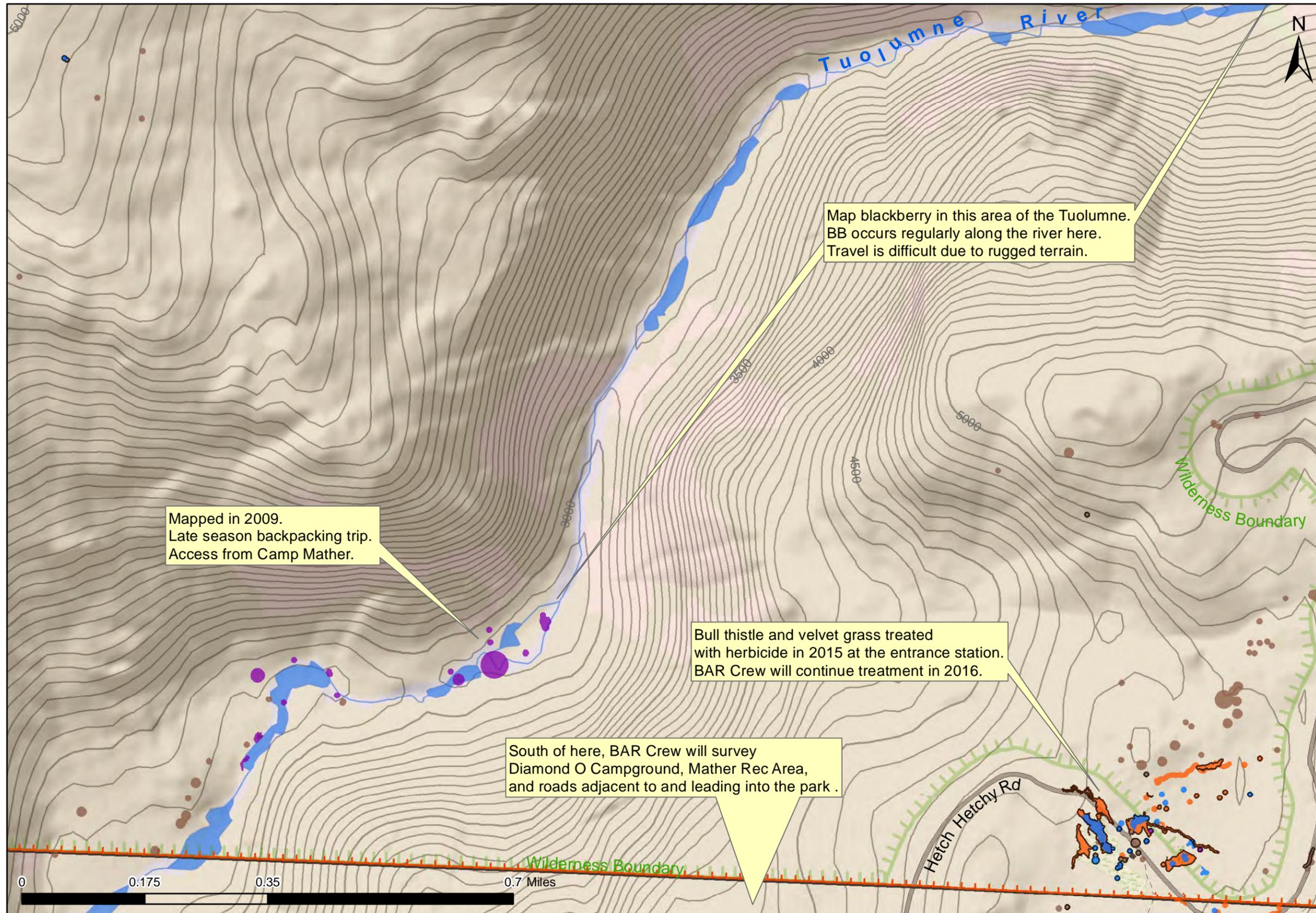
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

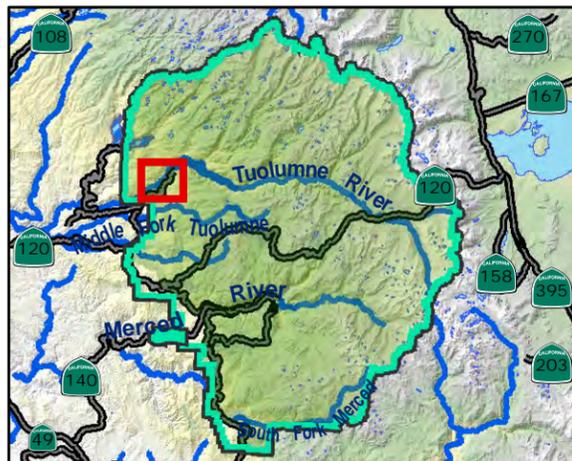
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Velvet grass



# 2016 Invasive Plant Work Plan

## 4.4 Poopenaut Valley



### Map Features

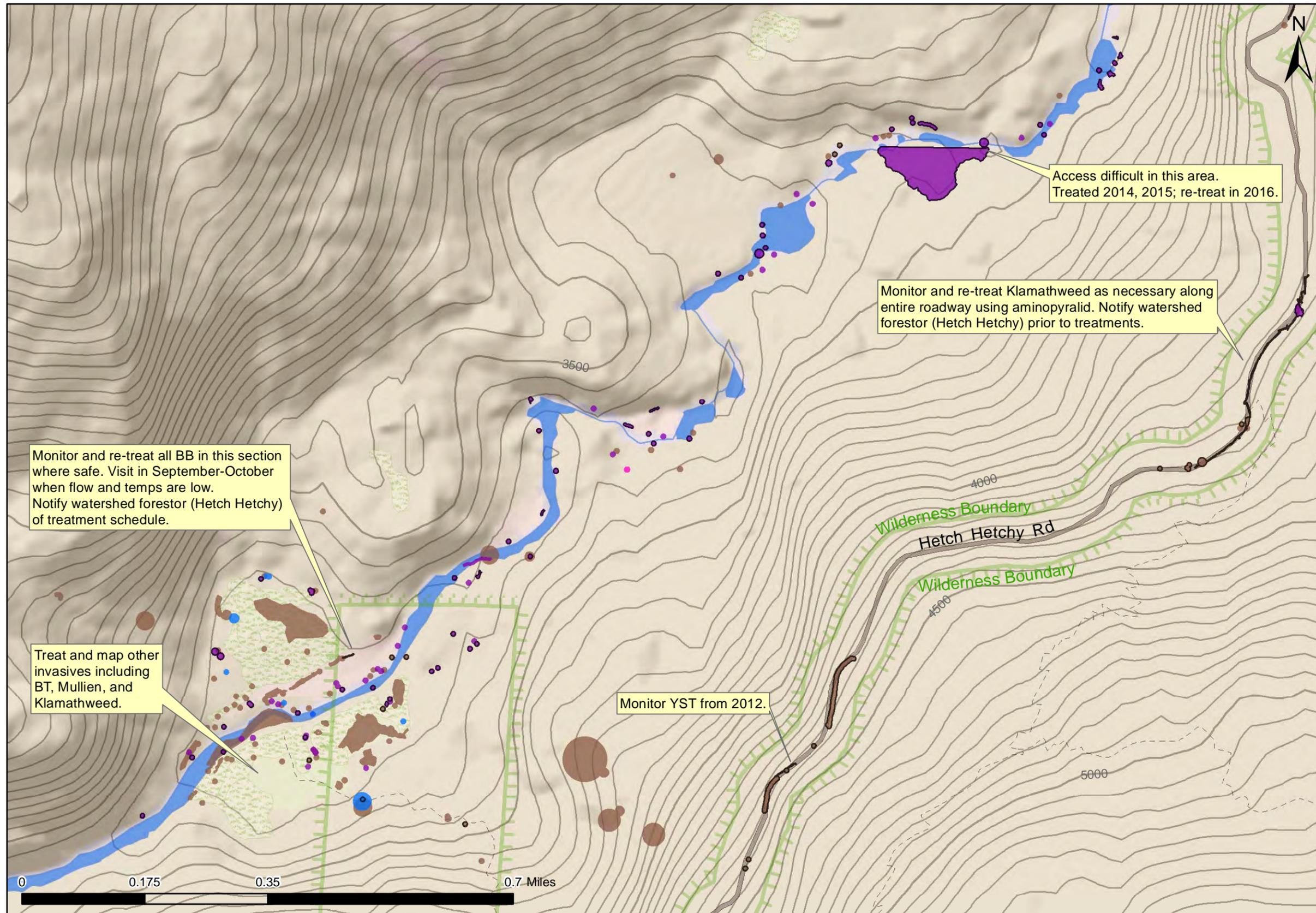
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

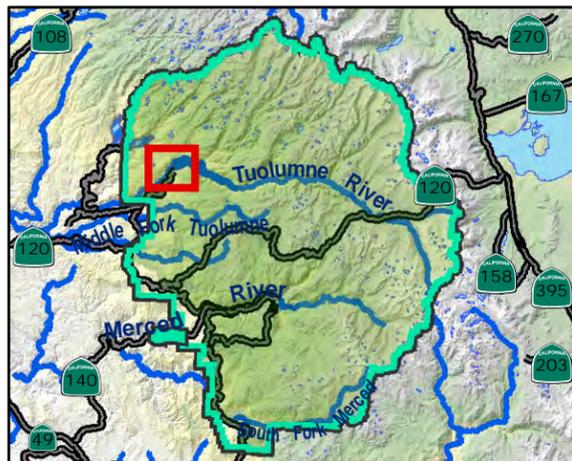
- Lower Priority Species
- Blackberry
- Bull thistle
- Dandelion



# 2016 Invasive Plant Work Plan

## 4.5 Hetch Hetchy

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

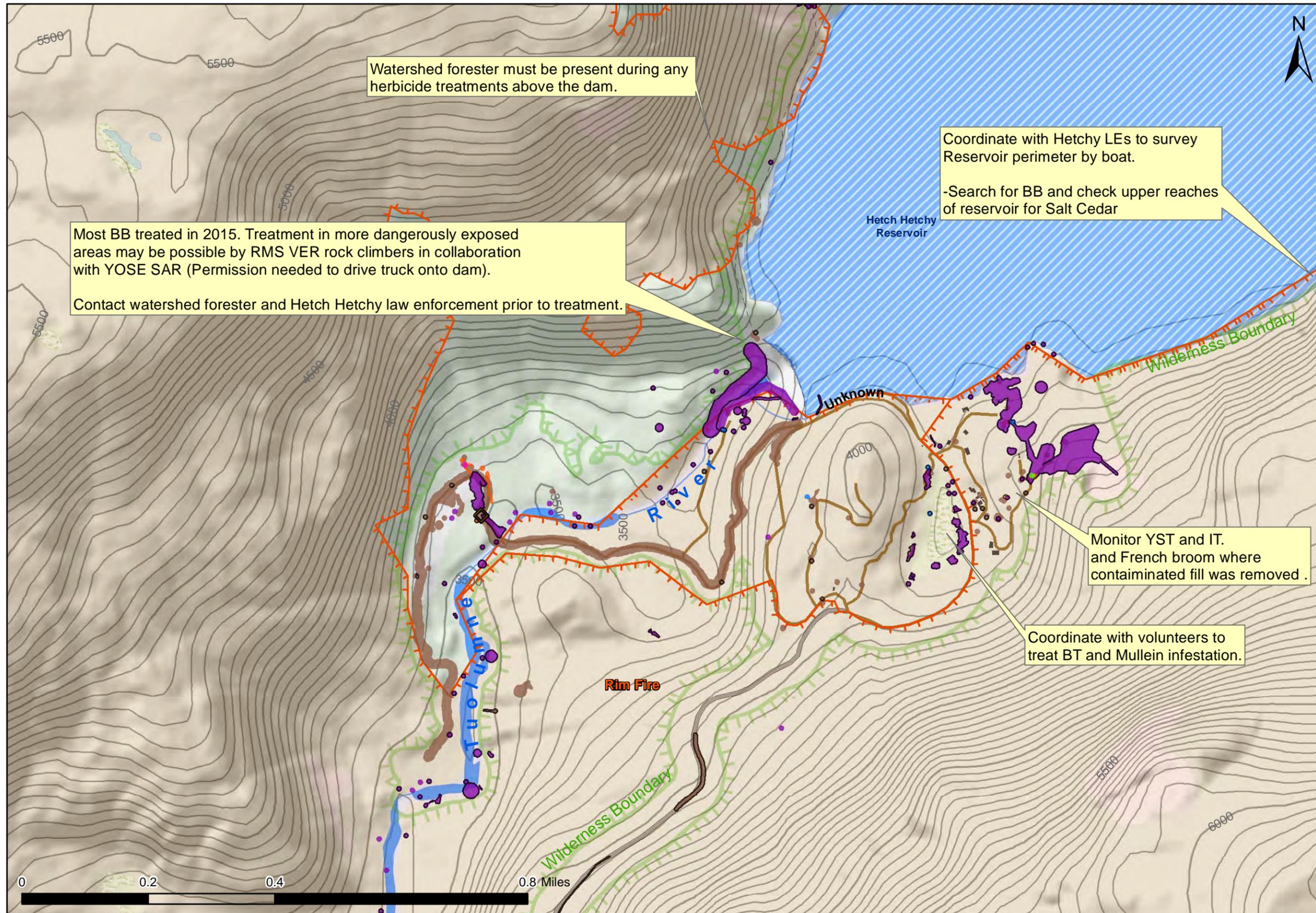
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

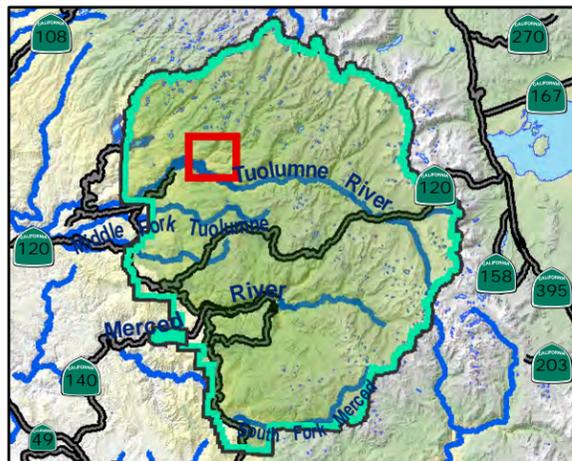
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Blackberry
- Broom Species
- Bull thistle
- Dandelion
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 4.6 Tiltill Valley



### Map Features

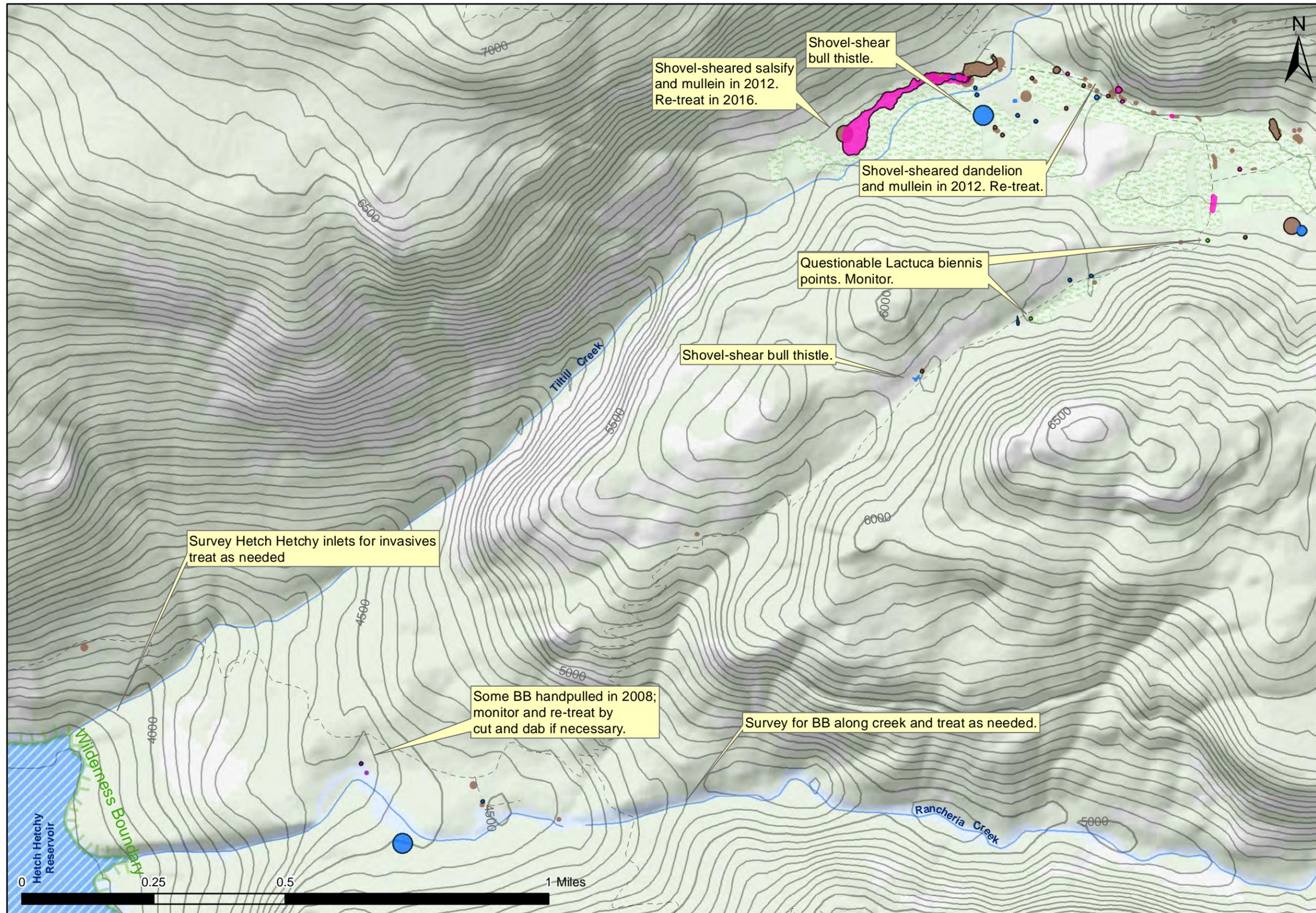
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

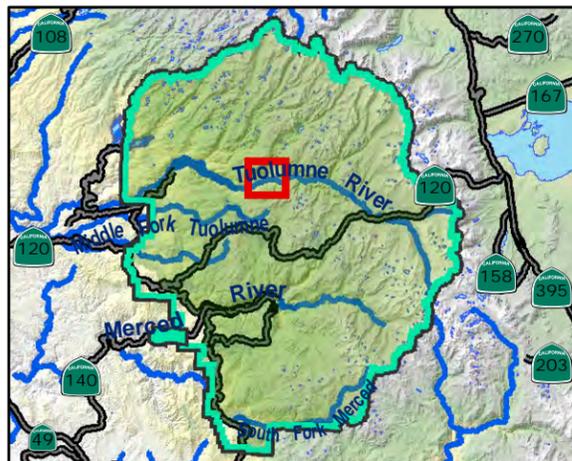
- Lower Priority Species
- Early Detection Species
- Blackberry
- Bull thistle
- Dandelion



# 2016 Invasive Plant Work Plan

## 4.7 Pate Valley

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

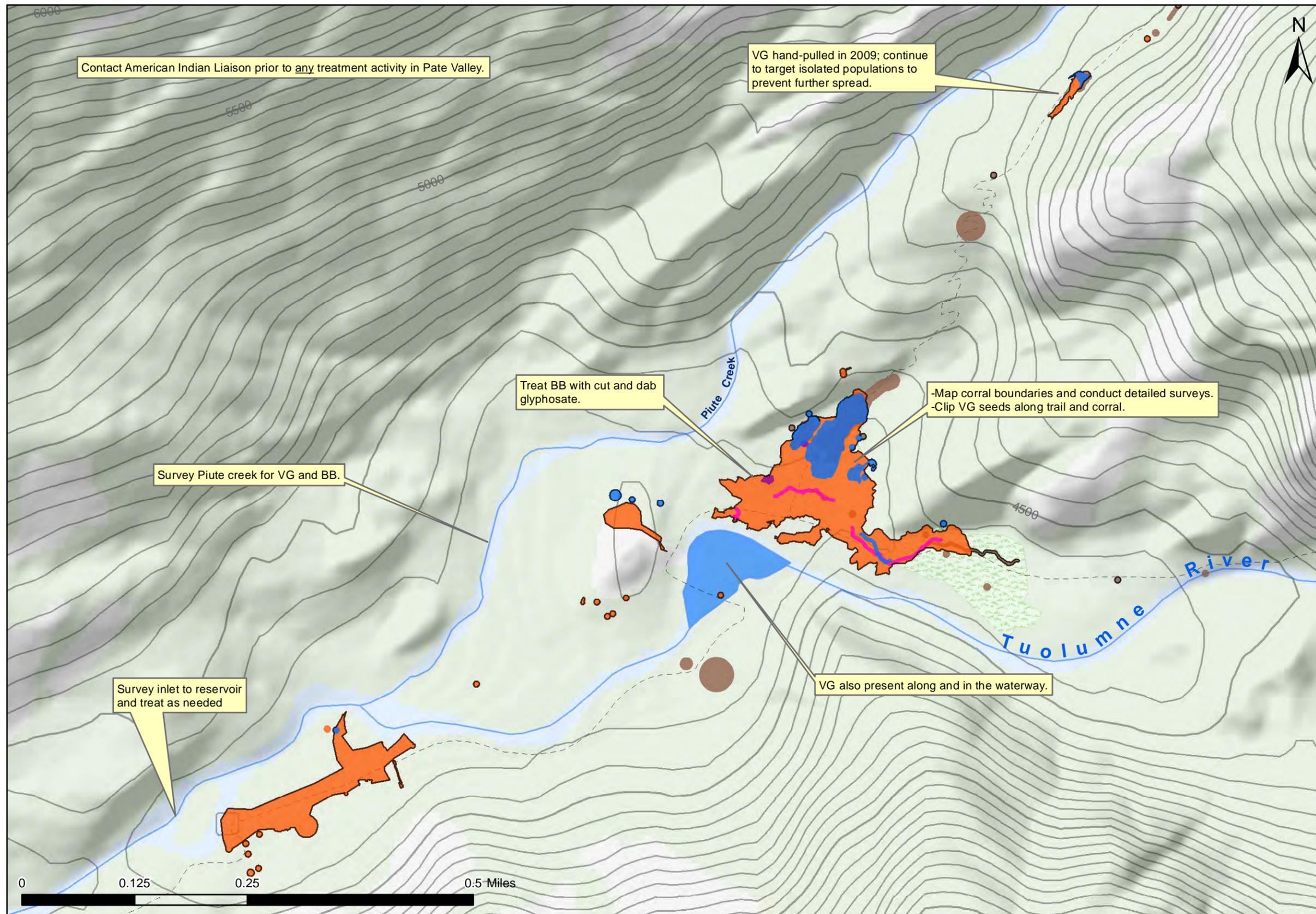
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

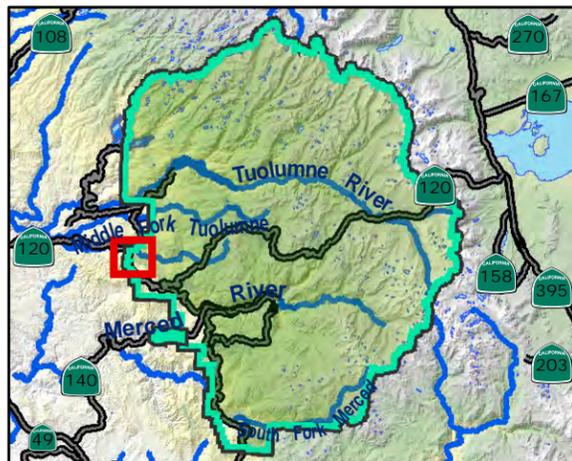
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Dandelion
- Velvet grass



# 2016 Invasive Plant Work Plan

## 4.8 Hodgdon



### Map Features

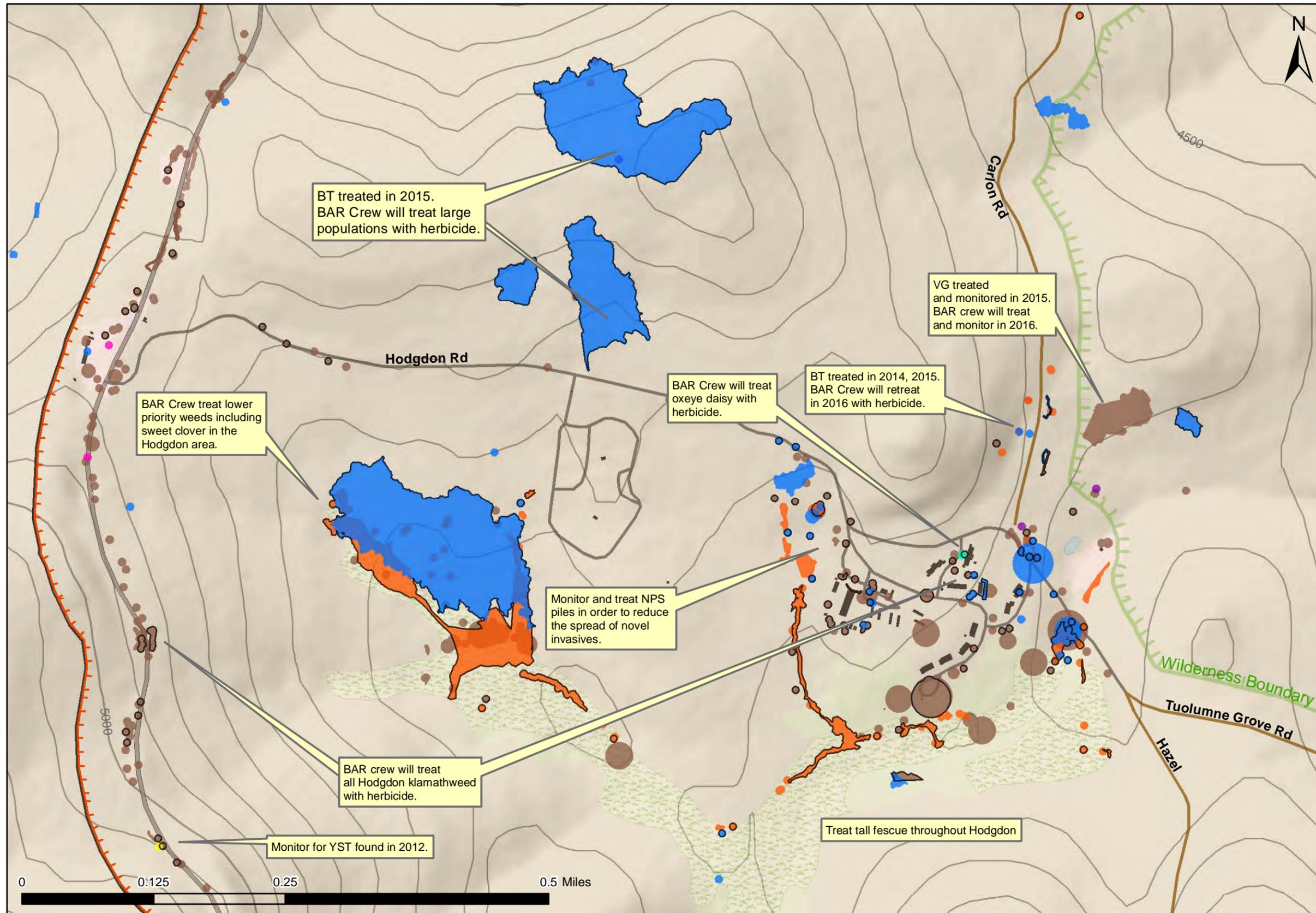
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

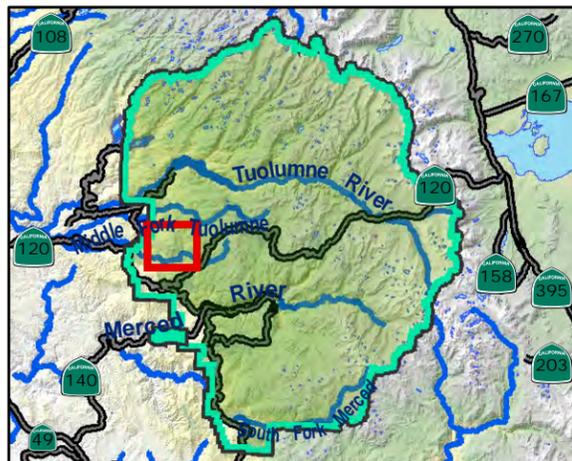
### Invasives Plant Species

- Lower Priority Species
- Blackberry
- Bull thistle
- Dandelion
- Oxeye daisy
- Velvet grass
- Yellow star-thistle



# 2016 Invasive Plant Work Plan

## 4.9 Aspen Valley



**Potential habitat for Yosemite Toad**  
-Consult with aquatic ecologists for an amphibian survey prior to treatment

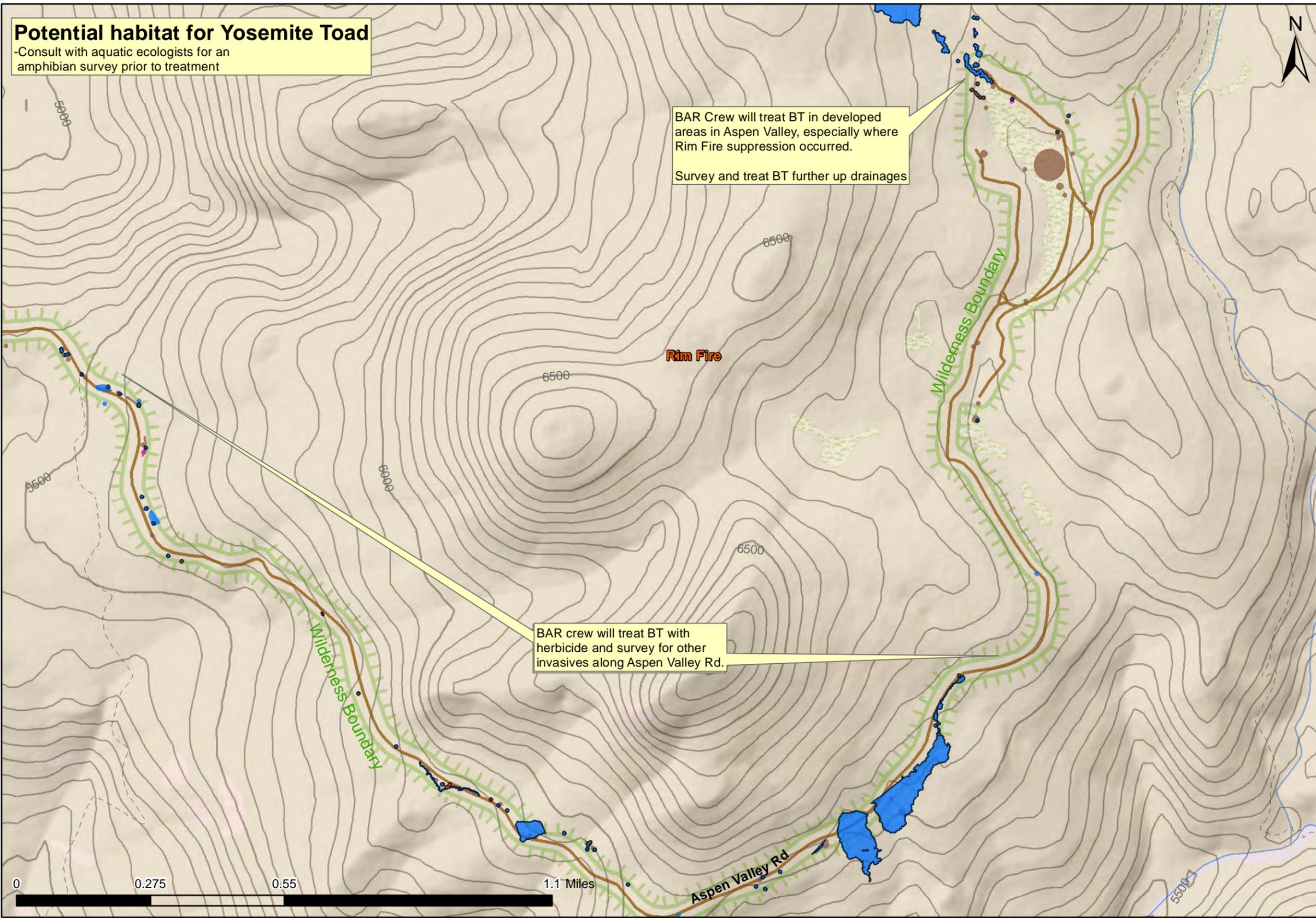
BAR Crew will treat BT in developed areas in Aspen Valley, especially where Rim Fire suppression occurred.  
Survey and treat BT further up drainages

BAR crew will treat BT with herbicide and survey for other invasives along Aspen Valley Rd.

- Map Features**
- Park Boundary
  - Buildings
  - Wilderness
  - Wet meadows
  - Fire Perimeters
  - Rivers
  - Roads
  - Lakes
  - Trails
  - Reservoirs

- Invasive Treatments**
- Treated in 2015
  - Treatment Studies

- Invasives Plant Species**
- Lower Priority Species
  - Bull thistle
  - Dandelion
  - Velvet grass

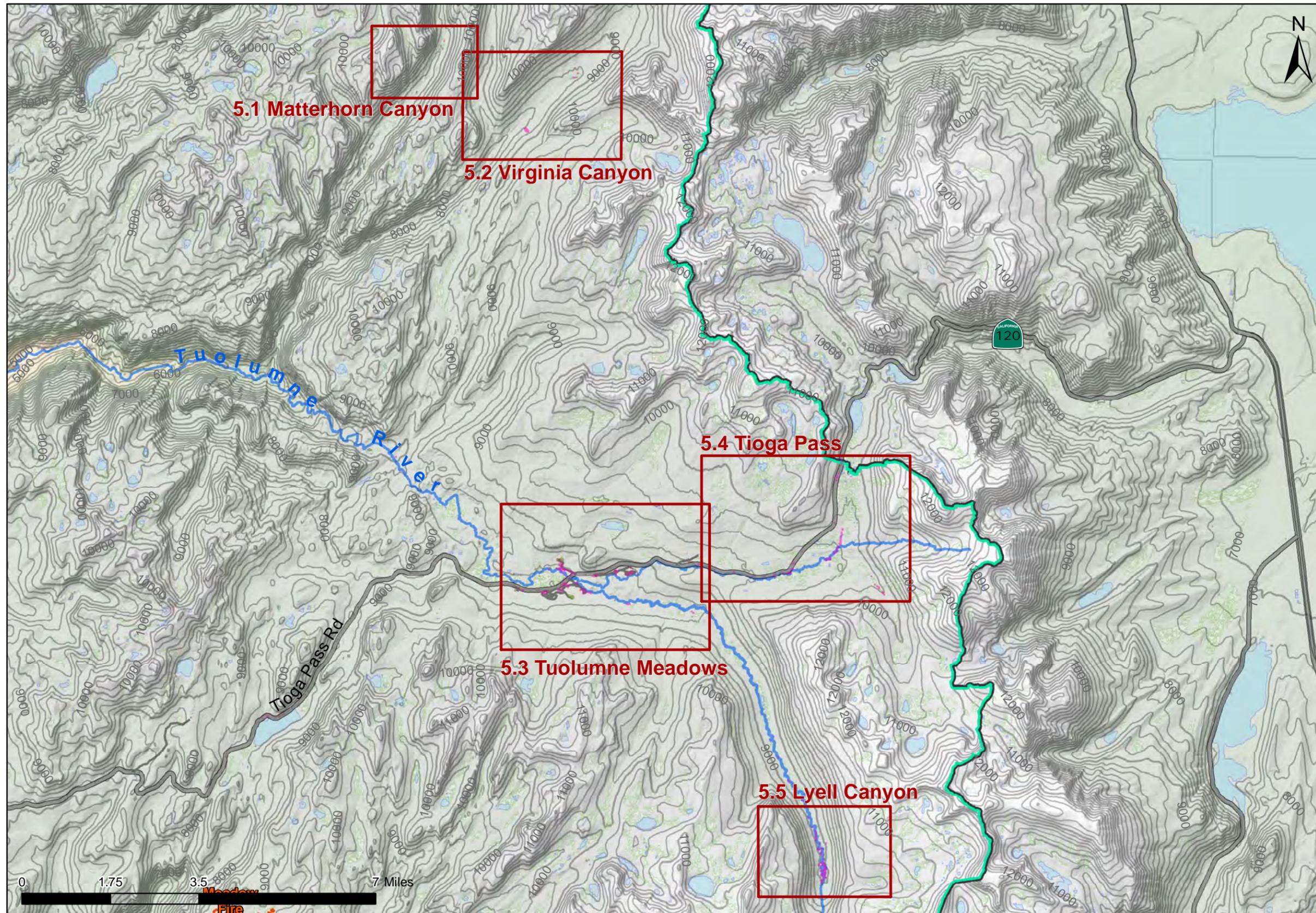
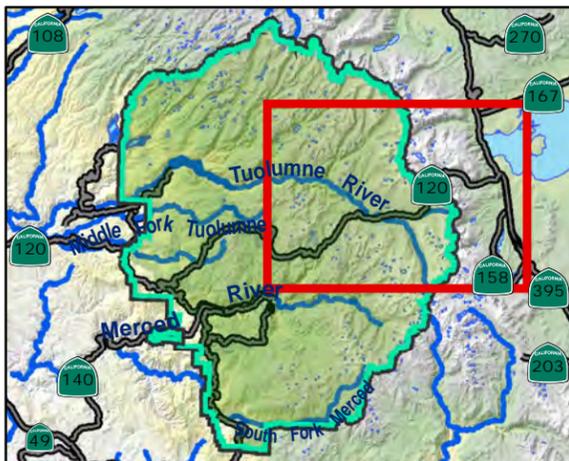




# 2016 Invasive Plant Work Plan

## 5.0 Western Yosemite

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasives Plant Species

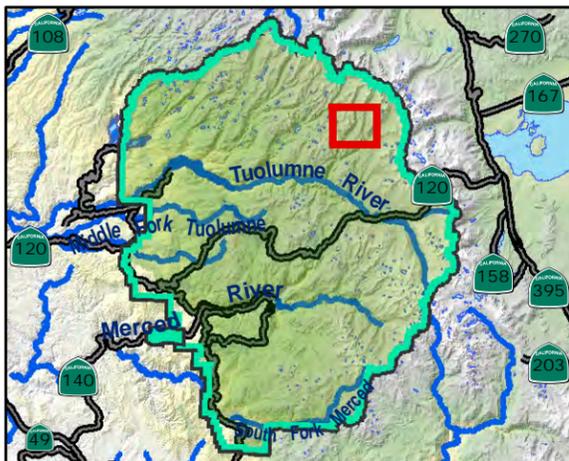
- Lower Priority Species
- Early Detection Species
- Bull thistle
- Dandelion
- Velvet grass





# 2016 Invasive Plant Work Plan

## 5.1 Matterhorn Canyon



**Yellow Legged Frog and Yosemite Toad habitat**  
About 15 Mile hike from Twin Lakes, and about 20 miles from Tuolumne Meadows

Currently there are only three known dandelion patches in Matterhorn Canyon.

Continue to survey for new populations.

### Map Features

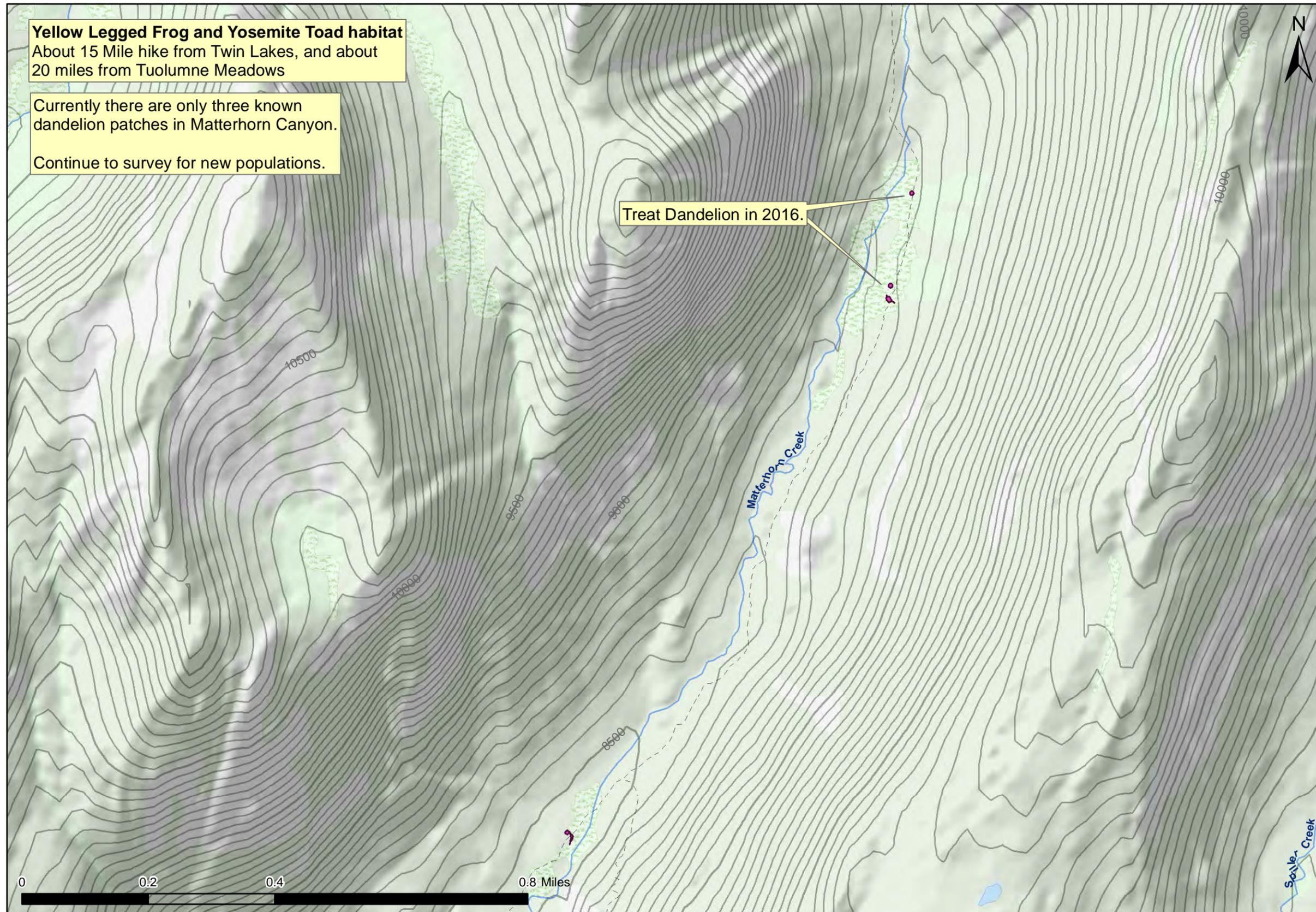
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- |                 |                   |
|-----------------|-------------------|
| Treated in 2015 | Treatment Studies |
|-----------------|-------------------|

### Invasives Plant Species

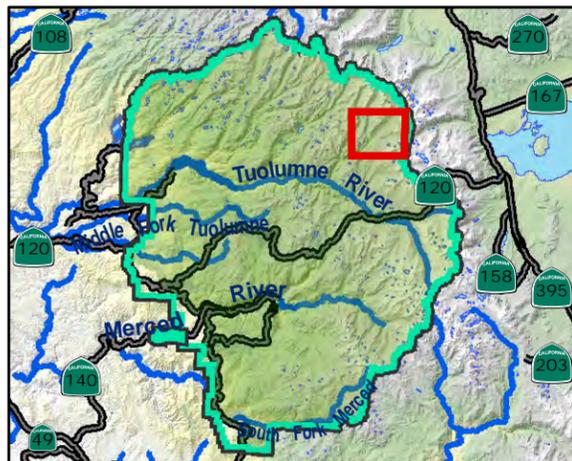
- |           |
|-----------|
| Dandelion |
|-----------|



# 2016 Invasive Plant Work Plan

## 5.2 Virginia Canyon

Yosemite National Park  
Resources Management and Science  
U.S. Department of the Interior



### Map Features

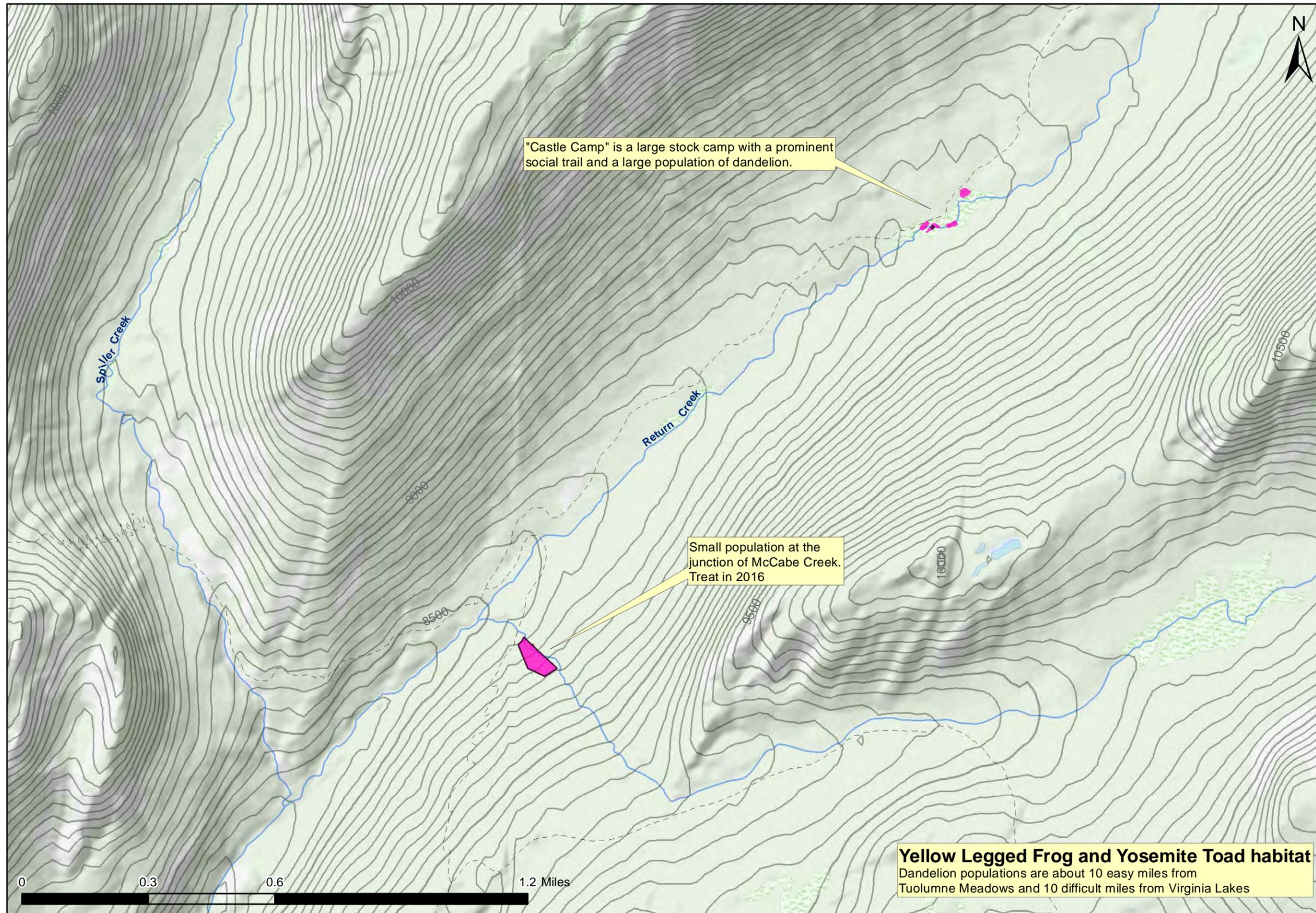
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

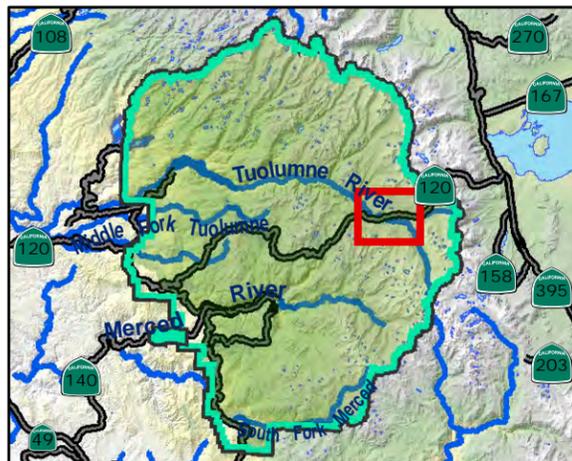
- Lower Priority Species  
 Dandelion



**Yellow Legged Frog and Yosemite Toad habitat**  
 Dandelion populations are about 10 easy miles from Tuolumne Meadows and 10 difficult miles from Virginia Lakes

# 2016 Invasive Plant Work Plan

## 5.3 Tuolumne Meadows



### Map Features

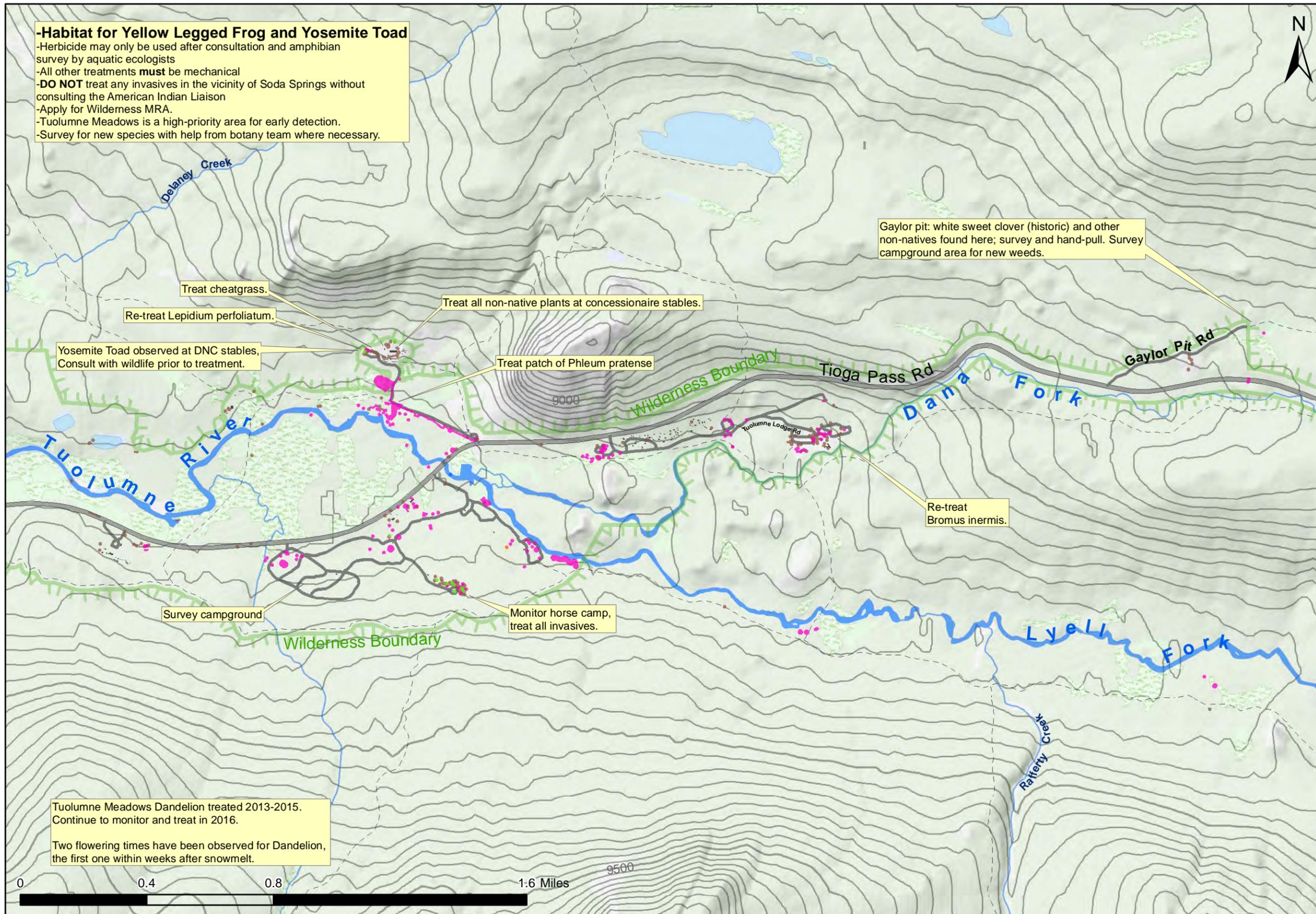
- Park Boundary
- Buildings
- Wilderness
- Wet meadows
- Fire Perimeters
- Rivers
- Roads
- Lakes
- Trails
- Reservoirs

### Invasive Treatments

- Treated in 2015
- Treatment Studies

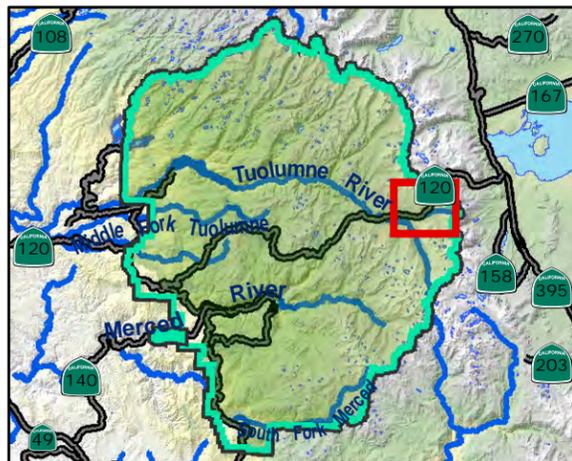
### Invasives Plant Species

- Lower Priority Species
- Early Detection Species
- Bull thistle
- Dandelion
- Velvet grass



# 2016 Invasive Plant Work Plan

## 5.4 Tioga Pass



**Habitat for Yellow Legged Frog and Yosemite Toad**  
All treatments must be mechanical. Contact aquatic ecologists before any treatments

### Map Features

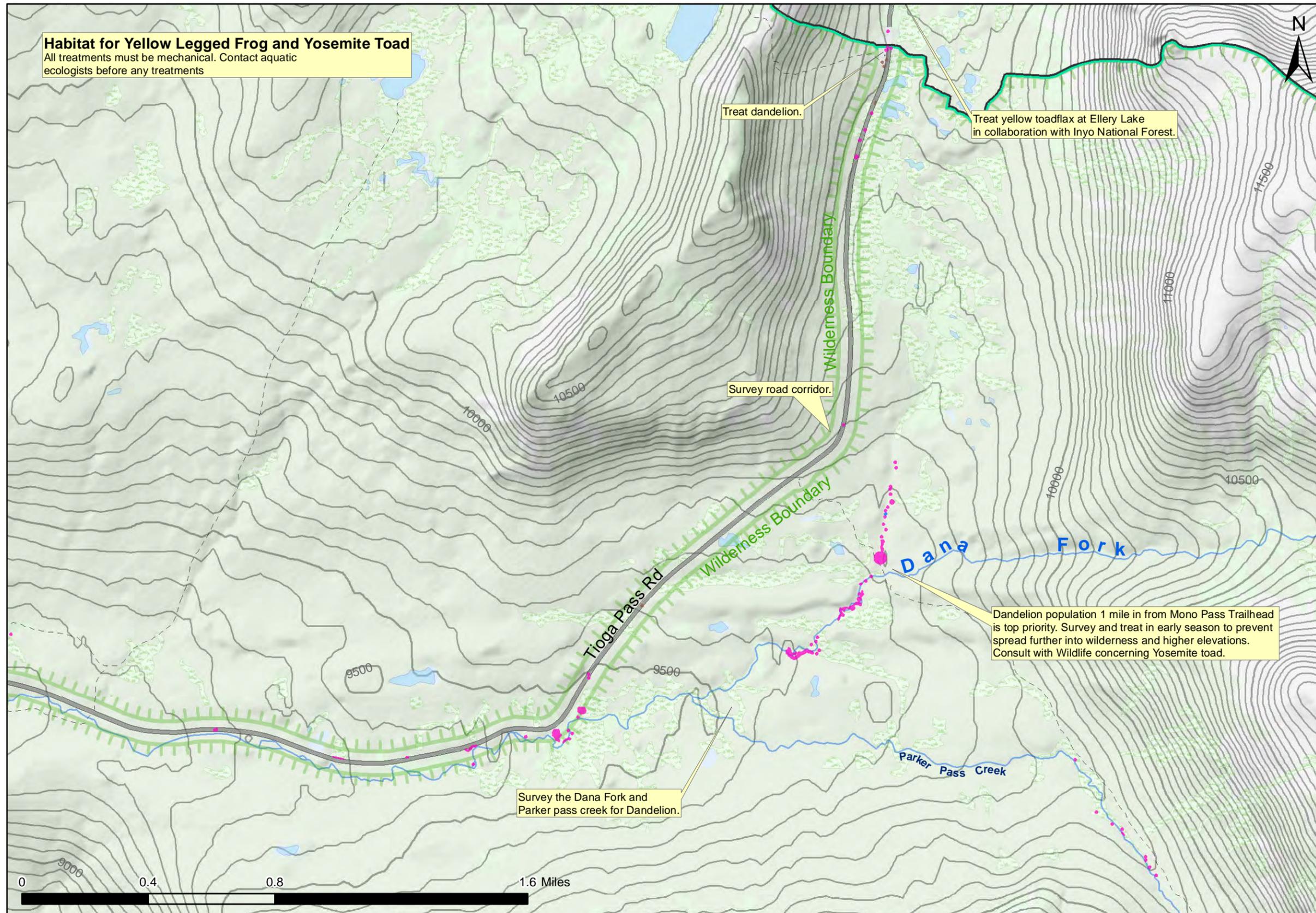
- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015   Treatment Studies

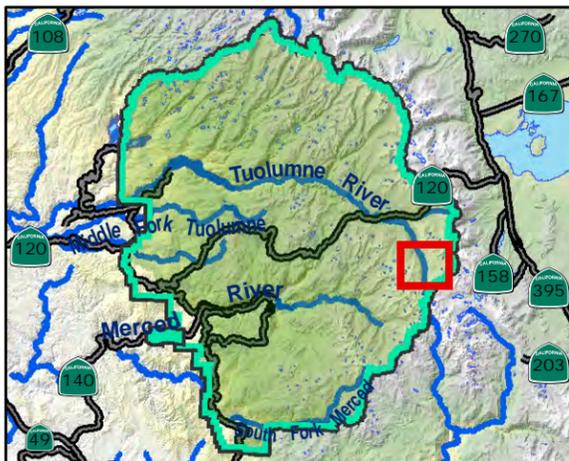
### Invasives Plant Species

- Lower Priority Species  
 Bull thistle  
 Dandelion



# 2016 Invasive Plant Work Plan

## 5.5 Lyell Canyon



**Yellow Legged Frog and Yosemite Toad Habitat**  
Continue to survey for and map new populations of dandelion

### Map Features

- |                 |             |
|-----------------|-------------|
| Park Boundary   | Buildings   |
| Wilderness      | Wet meadows |
| Fire Perimeters | Rivers      |
| Roads           | Lakes       |
| Trails          | Reservoirs  |

### Invasive Treatments

- Treated in 2015    Treatment Studies

### Invasives Plant Species

- Lower Priority Species  
 Dandelion

