

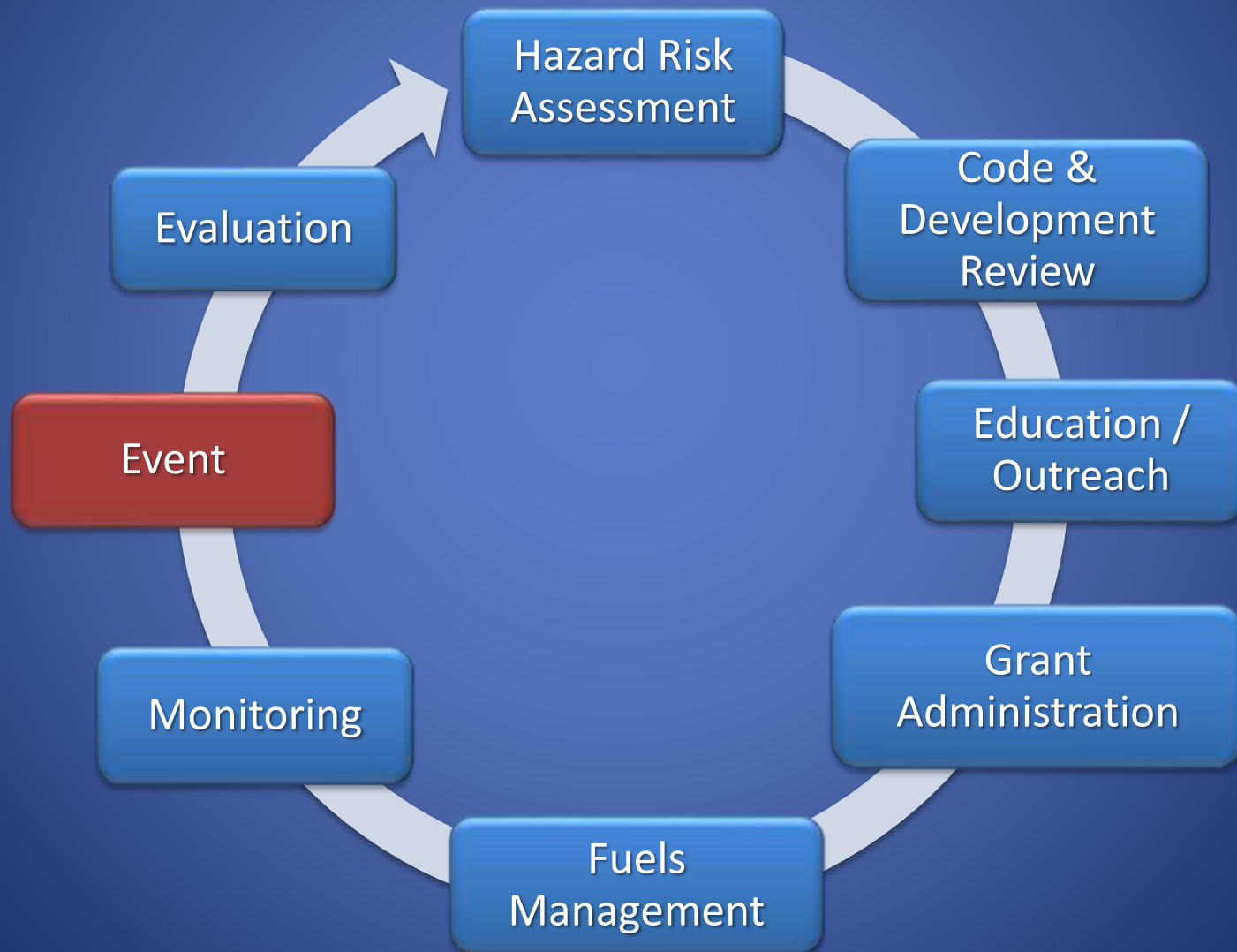
WALDO CANYON FIRE : POST-FIRE MITIGATION REVIEW



Christina Randall
Wildfire Mitigation Administrator
Colorado Springs Fire Department

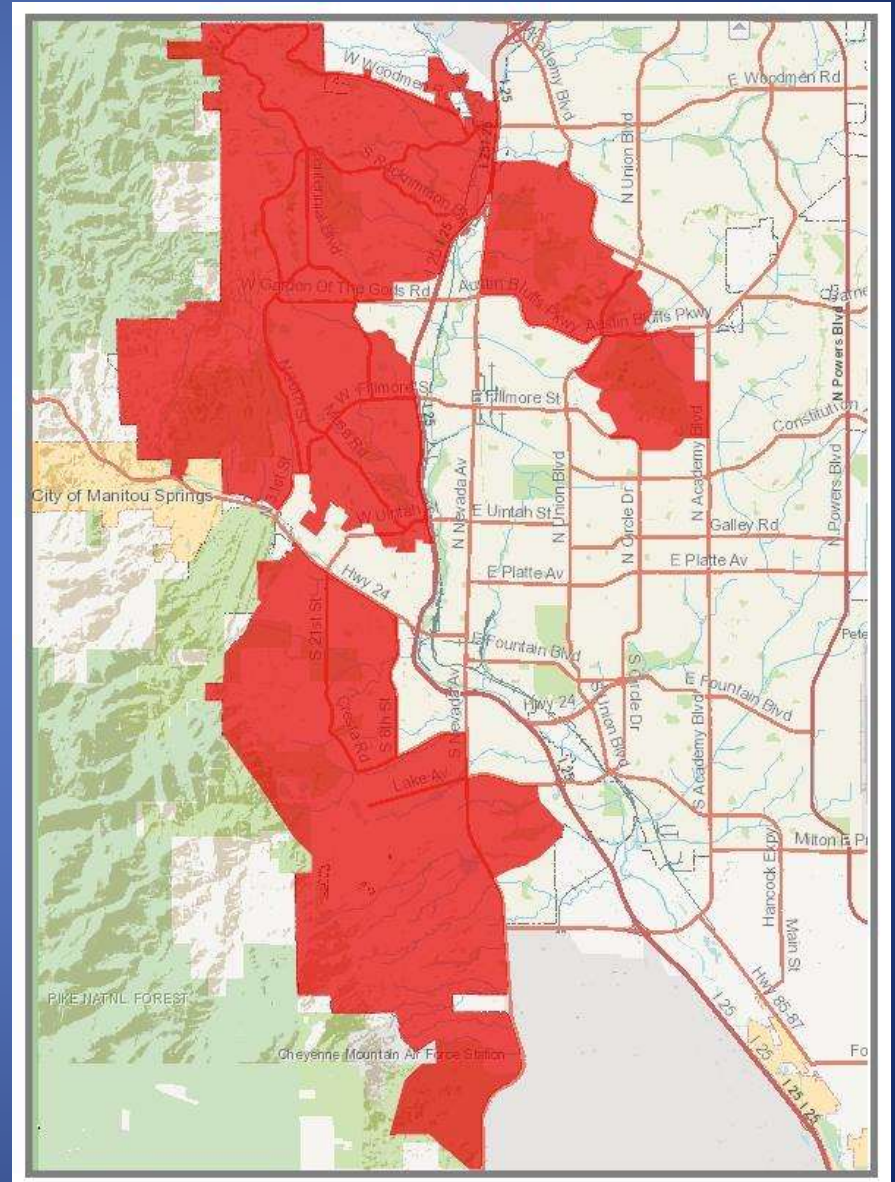


Colorado Springs Fire Department Wildfire Mitigation



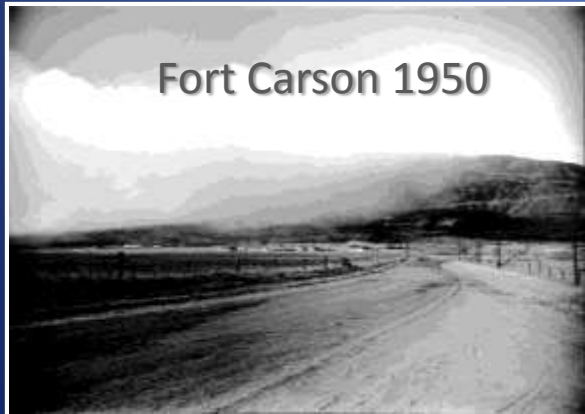
City of Colorado Springs

- 416k+ residents
- Military
 - USAFA
 - CMAFS (NORAD)
 - Fort Carson
 - Peterson/Shriever AFB
- 28,800 acres
- 36,485 homes



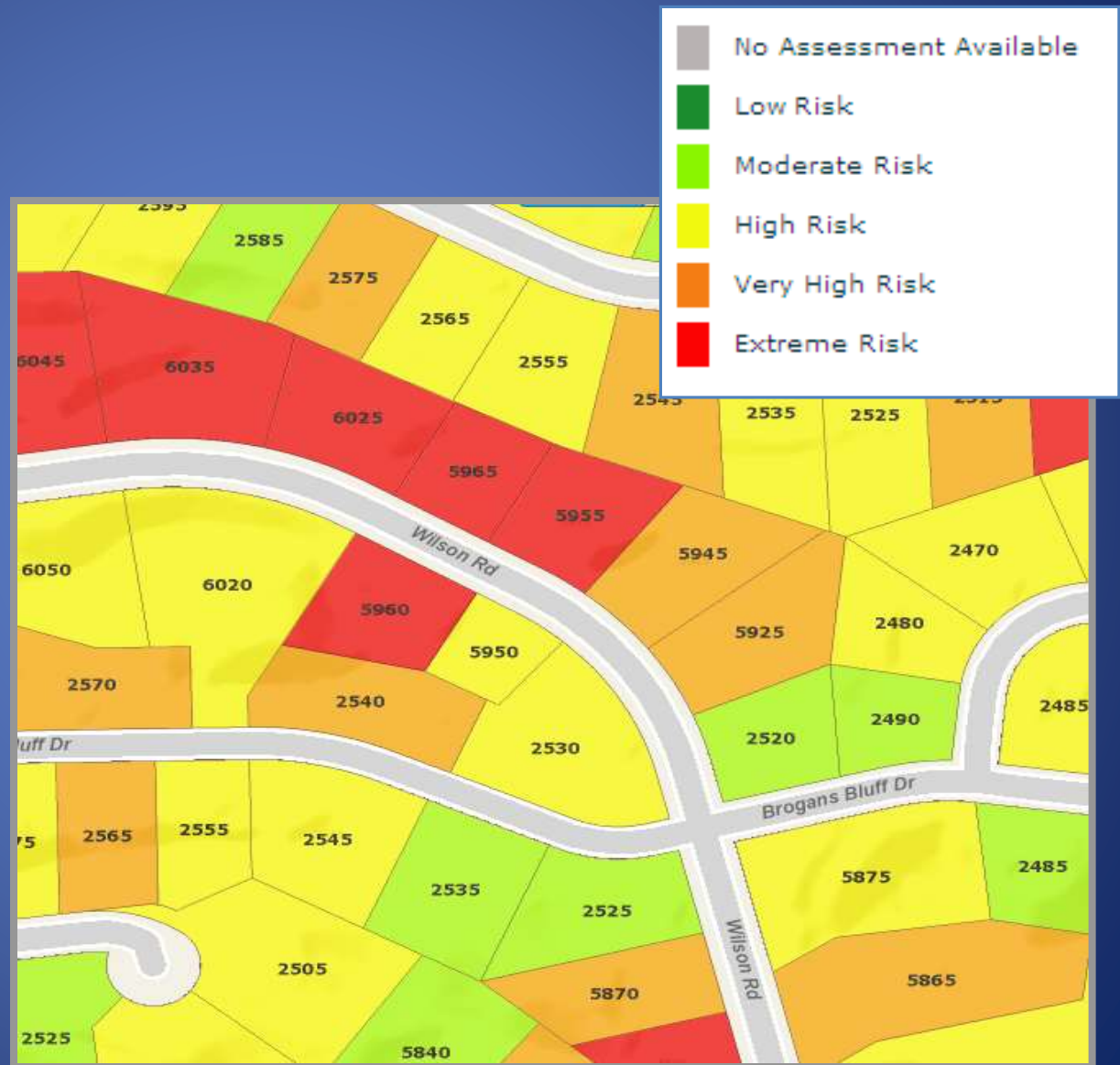
Fire History

- Big Burn of 1854
- Westwood Fire 2005 (35 ac)
- Manitou Incline Fire 2007 (30 ac)
- TA 25 Fire 2008 (1000 ac)



Wildfire Hazard Risk Assessment

- WHINFOE
- 25 weighted values
- Lot level
- Insurance
- Neighbors
- Scale



Code and Development Review

- Enforcement
- Front end of new development
- Hillside Ordinance
- Building characteristics
- Class A Roofing Ordinance



Education Outreach

- Neighborhood meetings
- Onsite Consultations
- Volunteer Projects
- Information Packet
- Champion Recognition



Grant Administration

- \$2.7 + mil
- \$1.7 mil pending
- Funding Sources

Private Foundations



Local / Corporate



State / Federal



Fuels Management

- Neighborhood Chipping
- Seasonal Crew
- Contracting
- 5824 ac



Monitoring

Fuels Moistures



Fire Weather



Fire Danger



Restrictions/Ban



Waldo Canyon Wildfire

June 26, 2012

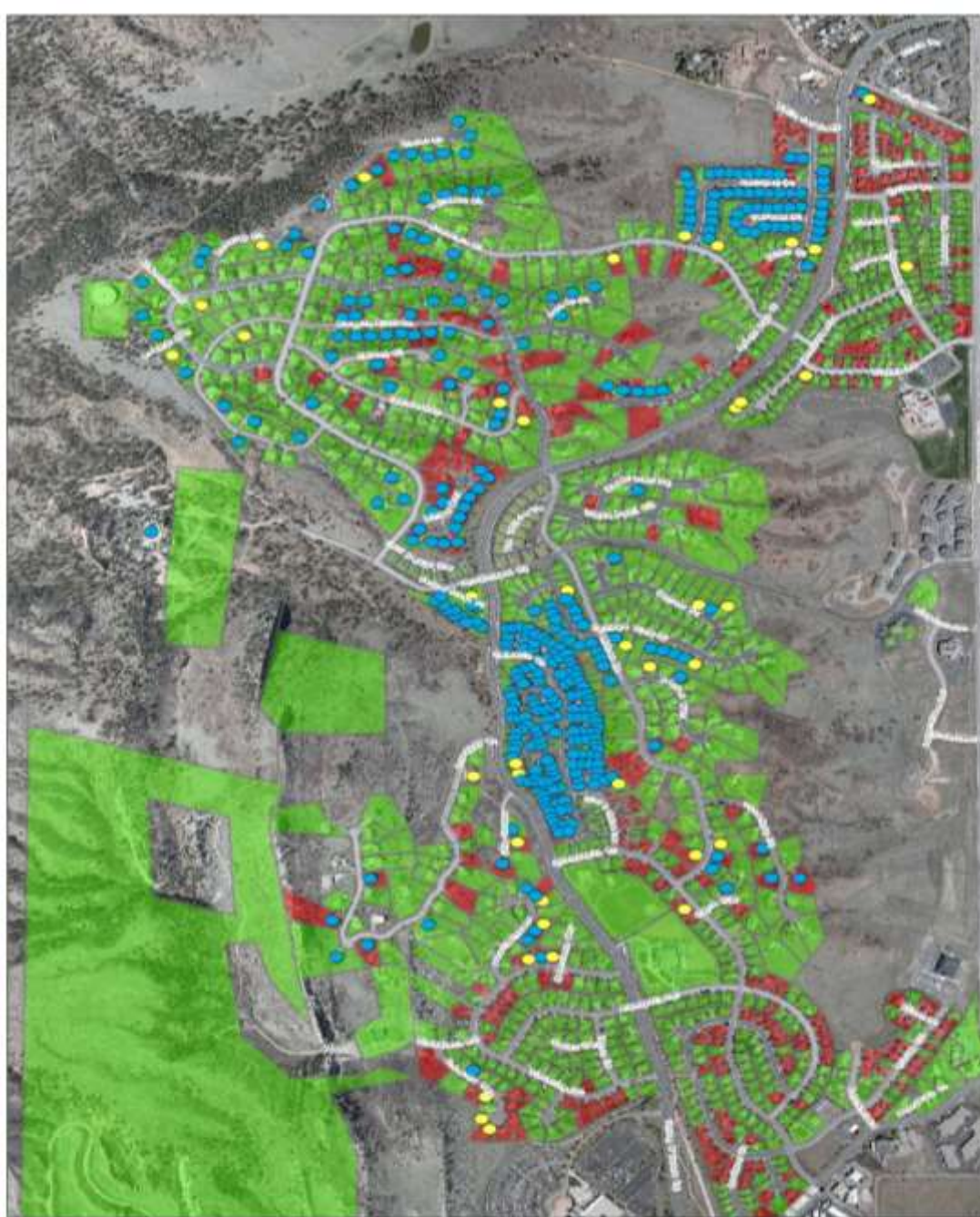
Initial findings:

- Fuel loading
- Spotting/Branding
 - ✓ Cedar Fencing
 - ✓ Roofs
 - ✓ Decks
- Exposures
- Conflagration



Roof Type

- Red - Combustible
- Green – Class A

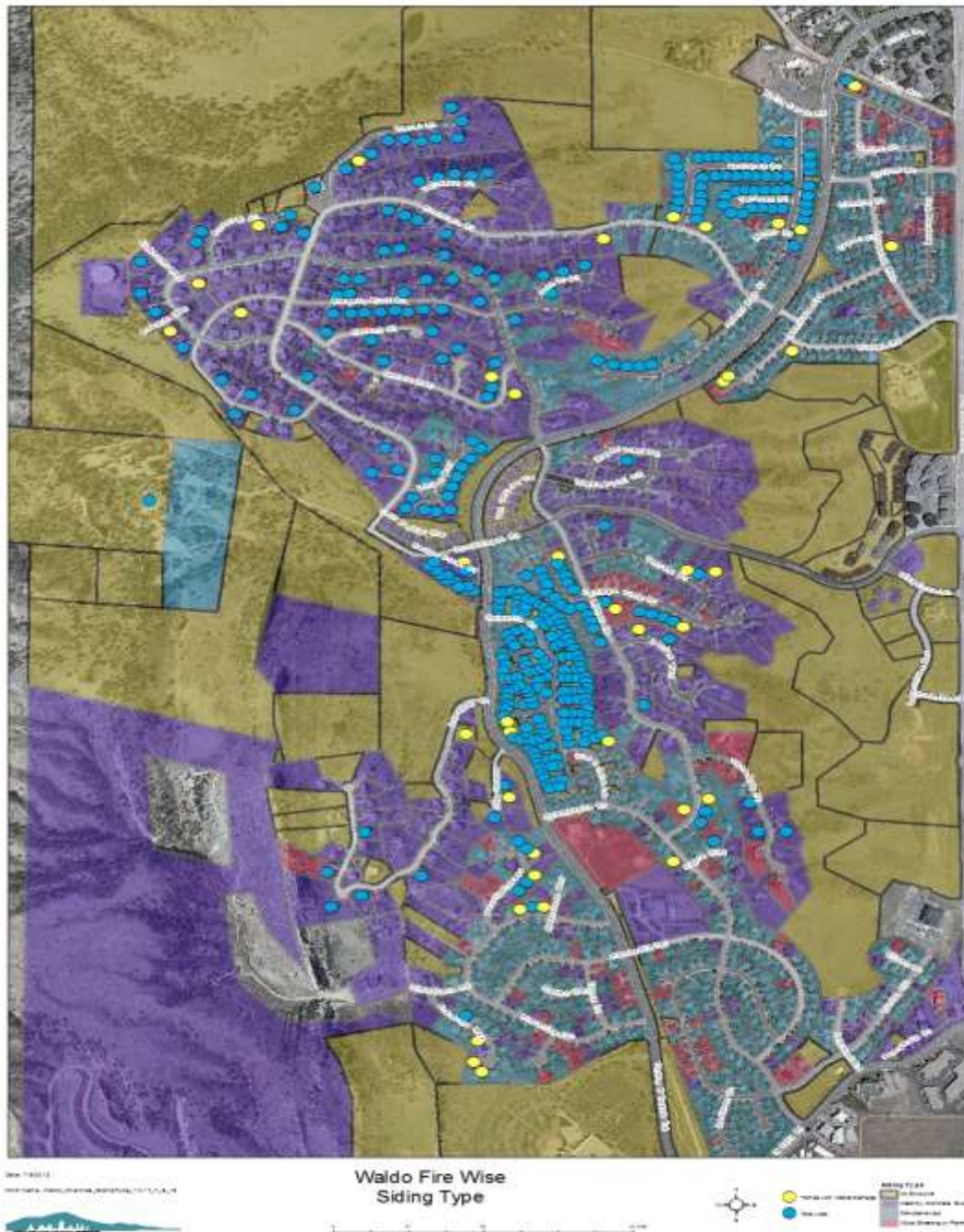


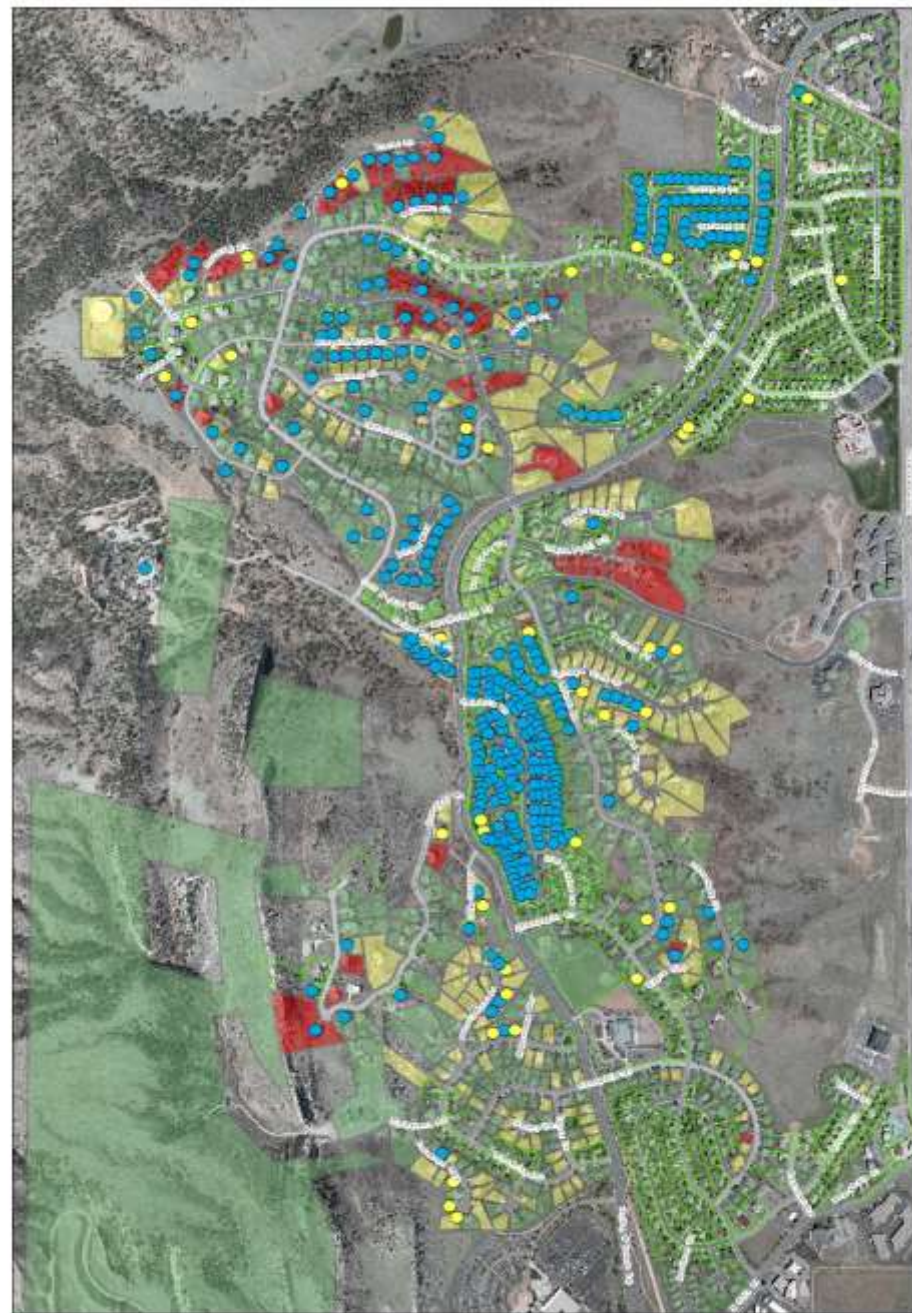
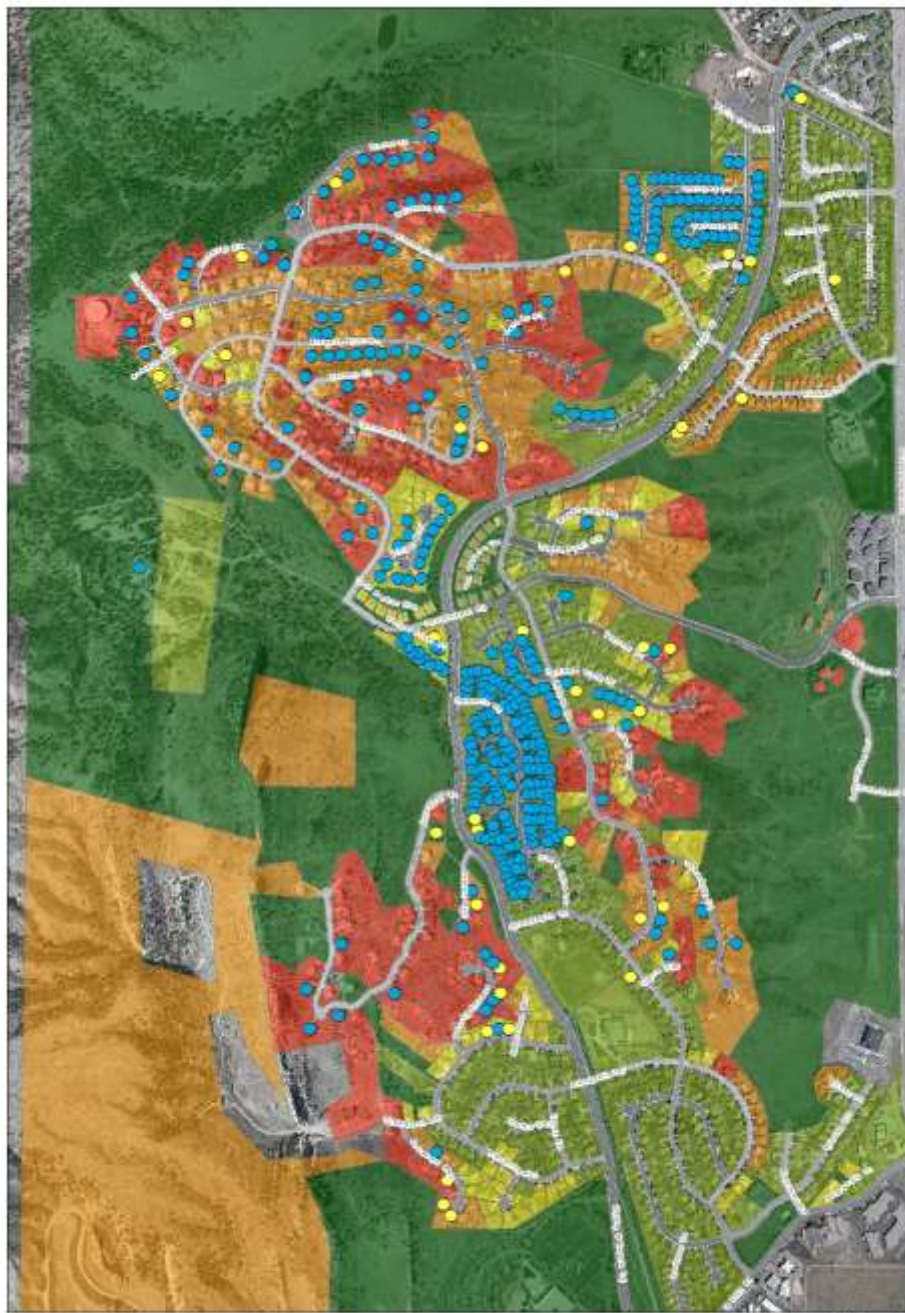
Waldo Fire Wise
Roof Type



Siding

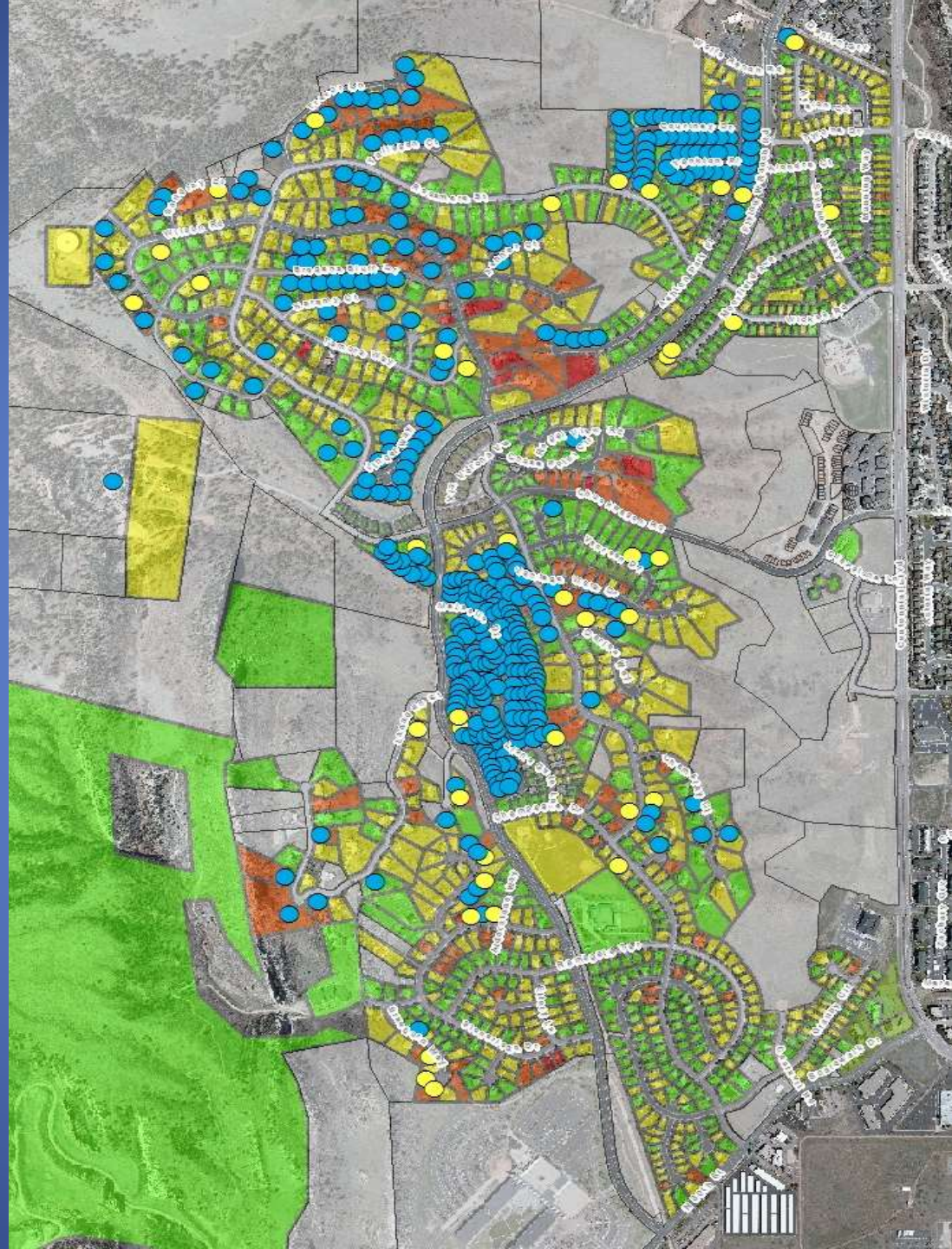
- Purple – Masonry, concrete or stucco
- Light Blue – composite lap
- Pink – wood





Wildfire Hazard Risk Rating

- Moderate – High
- Relative risk model







Waldo Canyon Fire

Risk assessments

- Extreme : 0
- Very High : 39
- High : 113
- Moderate : 191
- Low : 0
- UNK : 2



Loss / Damage

- 345 Lost, 47 Damaged
- Shake shingle: 76
- 82% save rate (1928)
- 46 participants
- 14 destroyed
(less than 1/3)



Cedar Heights



Cedar Heights



Darien Way



Darien Way



Darien Way



Shake Shingle Roofs

- Class A
 - Ordinance 2003
 - Pre-Waldo :
55,209
 - Since Waldo:
13,706
 - Currently 68,915
 - 2,200+ residences



Post-Fire

Reconstruction

- Insurance
- Collaboration
- Permits 110 / 2

Code updates

- Vegetation
- Construction
- Costs 0-2%
- 5:2



Evacuation

- Survey respondents 52/125 (41%)
- Mitigation 38/52 (74%)
- Notifications
- Timing
- Pets
- Communications



Contact Information / Questions

<http://csfd.springsgov.com>

(CSFD Wildfire Risk Assessment map)

<http://gis.springsgov.com/wildfiremitigation>

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