

Disaster Recovery

SUBJECT: Update to City Council

PRESENTATION DATE: August 24, 2015

PRESENTER: Bret Waters

Overview

- Disaster Recovery Grants Terms
- Waldo Canyon Fire Federal Disaster 4067
- Black Forest Fire Federal Disaster 5027
- Summer 2013 Flooding
- September 2013 Flooding Federal Disaster 4145
- Spring 2015 Flooding Federal Disaster 4229
- August 2015 Flooding

Disaster Recovery Grants Terms

- Fire Management Assistance Grant (FMAG)
 - Used to reimburse the costs of fighting wildfires
- FEMA Public Assistance (PA)
 - Used to assist communities in recovering after a federally-declared disaster
- FEMA Individual Assistance (IA)
 - Used to assist homeowners in recovering after a federally-declared disaster
- Natural Resources Conservation Service (NRCS) Emergency Watershed Protection (EWP) Program and Exigent Program
 - Used to assist communities in restoring and protecting waterways on public and private properties

Waldo Canyon Fire: 2012

- **June 23 – July 10, 2012: (Federal Disaster 4067)**
 - Two people killed
 - 347 homes destroyed
 - Flying W Ranch destroyed
 - Over 32,000 people evacuated
 - 18,247 acres burned in El Paso County, Pike National Forest, and City of Colorado Springs
 - Type I Incident Management Team response
- **Type of Disaster Declaration:** Fire Management Assistance Grant Program (FMAG), Public Assistance (PA)
 - \$2.69 million in damage and response costs submitted for FMAG and PA
 - \$2.34 million received from FMAG and PA
 - \$66,550 received from State of Colorado
 - \$8.8 million appropriated by City of Colorado Springs for fire and flood safety improvements.

Waldo Canyon Fire Recovery

- 288 homes rebuilt/under permit to rebuild — 83.5% *
- Federal Financial Assistance:
 - Natural Resources Conservation Service Emergency Watershed Protection Program
 - U.S. Forest Service Burned Area Emergency Response (BAER)
 - FEMA Hazard Mitigation Grant Program
 - FEMA Public Assistance Program
- State Assistance:
 - Great Outdoors Colorado
- Local Funding:
 - \$8.8 million Waldo Canyon Fire Supplemental Appropriation
 - City budget used for grant matches, \$362,683
 - Other local funding, \$290,484

Black Forest Fire: 2013

- **June 11 – 20: Black Forest Fire (Federal Disaster 5027)**
 - Two people killed
 - 488 homes destroyed
 - 14,280 acres burned
 - NOT in Colorado Springs: City provided mutual aid
 - Type I Incident Management Team response
- **Type of Disaster Declaration:** Fire Management Assistance Grant Program (FMAG)
 - \$787,938 Submitted for reimbursement from State and Federal
 - \$374,207 received from State
 - \$103,433 City share
 - \$310,298 pending from FMAG

Summer Flash Flooding: July 1 – September 9, 2013

- Five rain events on Waldo Canyon Fire Burn Scar
- Manitou Springs inundated: homes destroyed and damaged
 - Highway 24 Business Loop severely damaged and closed
- One person killed in flood waters on HWY 24
 - Several people washed downstream
- One person killed in Colorado Springs on Sand Creek
 - Not related to the Waldo Canyon Fire Burn Scar

Mid-September Flooding: September 11 – 15, 2013

- **Flash Flooding (Federal Disaster 4145)**
 - Affected several areas in Colorado Springs and across El Paso County
 - One person killed on Fountain Creek
 - 503 homes damaged
 - City parks and trails damaged
 - U.S. Highway 24 closed 17 times during the 2013 monsoon season
- **Type of Disaster Declaration:** FEMA Public Assistance (PA) and Individual Assistance (IA)
 - \$10 million in damage submitted to FEMA for PA
 - \$3.5 million qualified for reimbursement from FEMA PA
 - \$8.2 million from NRCS EWP/Exigent Funding
 - \$1.3 million from State of Colorado from grants/match contribution
 - \$2 million appropriated by City of Colorado Springs for grant matches and repairs not covered under the declaration
 - \$2.5 million contributed by City for NRCS EWP/Exigent grant match
 - \$750,000 paid by City for Manitou Incline repairs

2013 Flooding (4145)

- Federal Financial Assistance
 - Natural Resources Conservation Service
 - Emergency Watershed Protection Program
 - Exigent Program
 - FEMA Public Assistance Program
- State Assistance
 - Matching grants (12.5%) for FEMA Public Assistance
 - Matching grants (12.5%) for NRCS EWP
 - GOCO for Manitou Incline repair, Blodgett Peak restoration, Harlan Wolfe Park restoration
 - Flood gage installation on Camp Creek and upgrade in Garden of the Gods
- Local Funding
 - \$5.3 million in appropriations from City Budget for grant matches and emergency repairs

2014

- Substantial rain in July on two occasions
 - No significant damage
- Remnants of Hurricane Simon in October
 - No significant damage
- Installed larger sediment catchment structures around the Waldo Canyon Fire Burn Scar
- Channel improvements in Cheyenne Creek neighborhood
- Repairs to roads and park infrastructure along Gold Camp Road and High Drive
- Improved storm water channels
- Partnered with the Fountain Creek Watershed, Flood Control, and Greenway District for stream channel assessments of:
 - Upper Fountain Creek from Woodland Park to America the Beautiful Park
 - Cheyenne Creek from Forest Service land to confluence with Fountain Creek

Spring 2015 Flooding

- **Continuous rains/inundation (Federal Disaster 4229)**
- **Type of Disaster Declaration:** FEMA Public Assistance (PA)
 - \$14.3 million in damages submitted to FEMA PA
 - Process to determine qualifications for reimbursement has only begun
- Hillslope sloughing/landslides in several locations threatening homes
- Sinkholes developed where underground storm water pipes failed
- All Waldo sediment catchment basins filled
 - Sediment debris being “repurposed” to make channel and hillslope improvements in Rockrimmon
- Red Rock Canyon Open Space damaged and closed...reopened on July 3rd
- Foothills Trail (Garden of the Gods) and Pikes Peak Greenway Trail severely damaged and closed in several locations
- Stream banks eroded, threatening homes, roads, and utilities infrastructure

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Spring 2015 Flooding (4229)

- City of Colorado Springs \$5 Million Appropriation
 - \$4 million for emergency repairs to Rockrimmon channel and clearing of sediment debris catchment basins
 - \$1 million for emergency repairs to parks
- State of Colorado Appropriations
 - None to date
- Federal Government Appropriations
 - FEMA Public Assistance Program assessment is ongoing

August 10, 2015 Flooding

- **Inundation from the Waldo Canyon Fire Burn Scar:**
 - South Douglas Creek from the Flying W Chuckwagon through the Alpine Autism Center and Stonegate Rd in Mountain Shadows
 - Camp Creek through Glen Eyrie to Garden of the Gods and Pleasant Valley neighborhood
 - Williams Canyon into Manitou Springs had heavy flows into Canon Avenue and through the city
- This was the first true “flash flood” from sustained rains in one location on the burn scar above Colorado Springs
 - Mitigation and debris catchment basins/nets functioned well
 - No fatalities or injuries reported
 - Several swift water and vehicle rescues performed
- Damage assessments continue to be performed
- Not expected to qualify for State or Federal disaster declaration

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Questions