September 2013 brought unprecedented rainfall to the region causing significant flooding and extensive damage to both private property and city infrastructure. While critical city services have been restored, full recovery is likely to take years. To support near-term recovery and long-term resilience, council adopted five key objectives in October 2013, which include:

1. Help people get assistance.
2. Restore and enhance our infrastructure.
3. Assist business recovery.
4. Pursue and focus resources to support recovery efforts.
5. Learn together and plan for the future.

City staff, consultants and community partners continue to work diligently to make progress in achieving the council-adopted objectives.

This City Council briefing provides an update on recovery status in relation to the key objectives. Each objective is explained in the following pages along with a high-level summary of progress. More detailed information can be found at the city’s comprehensive resource for all flood-related information: www.BoulderFloodInfo.net. City department directors and staff supporting flood recovery efforts will also be available to address questions at the May 6 briefing.

In addition to the Boulder Flood Info website, the city has established a central point of contact for all flood-related questions through Inquire Boulder and phone. The city’s virtual helpdesk, Inquire Boulder, enables users to request Flood Information and services related to Flood Cleanup – Creek & Culvert Debris. The city also has a dedicated phone line at 303-441-1856 to provide a central point of contact for flood questions. Please note that Inquire Boulder and the
phone line should be used for informational purposes and are not intended for emergency requests.

To continue to support the flood recovery efforts, the city created a high-level team that meets on a regular basis to address recovery activities (see attached diagram). The Flood Recovery Steering Committee includes executive team members and department directors from the most highly impacted departments. In addition, the city is hiring three new fixed-term positions to support three main areas of the flood recovery efforts: Community Services, Finance and Infrastructure/Operations. City and County coordination efforts continue in preparation for spring run-off and summer storms.

City Council briefings and updates are expected to be provided bimonthly and on an as needed basis throughout 2014. The next briefing is scheduled for July 22, 2014. In September 2014, the city and Long-Term Flood Recovery Group of Boulder County are planning a series of events and shared learning opportunities the week of the 1-year anniversary of the floods. This work will dovetail with the city’s resilience planning effort through the Rockefeller Foundation’s 100 Resilient Cities Initiative.
The city continues to help residents in need of assistance as they recover from the flood. At this time, approximately 50 housing units remain vacant and/or uninhabitable as a result of the flood, with concentrations in the areas of Palo Parkway & 28th St, and Baseline Rd. and Manhattan Dr.

The city and the Long-Term Flood Recovery Group of Boulder County are coordinating and cross-training to connect residents with resources and case management services, and provide streamlined access to city resources. Approximately 200 of the 700 countywide residents requesting services have been assigned to a case manager. The Long Term Flood Recovery Group will be working with Catholic Charities to hire additional case managers shortly, with funding through the State of Colorado.

The Planning & Development Services Center continues to see 20-30 customers per week with flood-related questions and those seeking permits for repairs due to flood damage or mitigation measures.

City staff is receiving approximately six flood-related Inquire Boulder service submittals per week, and a dozen phone calls daily to the Flood Information Line. Anecdotally, residents have appreciated the enhanced and centralized flood information resources.

The city is actively participating and coordinating with state and countywide efforts including case management, business assistance, resilience and capacity building, housing, and Community Development Block Grant – Disaster Relief funding.

The city mailed annexation letters to 160 properties in the middle of April, to assist people who need to connect to city utilities following the flood. We have been contacted by several dozen property owners with various questions and interest to date. The properties who received the letters are grouped into two categories: individuals and neighborhoods. For individual properties the owner can request a cost estimate from the city by May 16 to help determine whether to proceed. Those that wish to proceed will provide earnest money to the city to begin survey and annexation map preparation, and begin compiling annexation agreement documents.
The neighborhoods where infrastructure installation is required (Old Tale Rd and Githens Acres) have been sent an interest survey to respond to, with a response date of May 16. If the level of interest is high enough, the city will continue to work with the neighborhoods in the annexation process. The city, in partnership with Boulder County, is seeking Community Development Block Grant – Disaster Relief (CDBG-DR) grant funding to assist homeowners in paying for utility connection costs.

Community Development Block Grant-Disaster Relief (CDBG-DR) funding coordination is continuing countywide and statewide notices of intent are due mid-to-late May for the first round of money allocated to the state last fall totaling $63 Million. The city intends to apply for the following:

- **Infrastructure**: Applying for Federal Emergency Management Agency (FEMA) Match for creek sediment and debris removal ($500k-$1M), and Infrastructure for Area II properties in partnership with Boulder County ($1M). The priority areas for funding are being identified based on the survey results described above).
- **Housing**: Applying with Boulder County for $2M in housing rehabilitation funds, $1M for water/sewer connection costs, and $1M for temporary rental assistance.

The city is tracking the second round of funding ($199 Million for Colorado), and is waiting for HUD to issue the official notice on funding procedures and timing.

**MILESTONES:**

- Held two community preparedness and flood recovery open houses attended by a total of approximately 150 people. Included 6 topic areas and a presentation by Boulder Office of Emergency Management and city staff. Presentation was televised live and recorded, and can be viewed online here: [http://vimeo.com/92368226](http://vimeo.com/92368226)

- Completed door to door flood safety information canvassing to approximately 2,000 households. This effort was featured on Inside Boulder News and can be seen here: [http://vimeo.com/92288744](http://vimeo.com/92288744)

- Produced and distributed 1,000 copies of a community guide to flood safety, publishing weekly flood safety tips to the community. Copies are available for download here: [https://bouldercolorado.gov/water/community-guide-to-flood-safety](https://bouldercolorado.gov/water/community-guide-to-flood-safety)

- The Long-Term Flood Recovery Group of Boulder County case management supervisor for City of Boulder residents began, and coordination with city on cases is underway. [http://bocofloodrecovery.org/get-help/](http://bocofloodrecovery.org/get-help/)

- Consolidated contact points for residents and businesses with a new single Flood Information and Customer Service suite:
  - Flood Information Line: 303-441-1856
  - Email address: [boulderfloodinfo@bouldercolorado.gov](mailto:boulderfloodinfo@bouldercolorado.gov)
  - Inquire Boulder Topics (Flood Information and Flood Cleanup - Creek & Culvert Debris).

*Header photos taken at the March 31, 2014 Flood Preparedness + Recovery open house.*
Invest in projects to restore services and to rebuild and enhance infrastructure, as appropriate, in the interests of public health and safety, community quality of life, and long-term resilience.

The 2013 September Flood caused significant damage to city infrastructure including more than 50 city buildings/facilities; water, sewer, and stormwater infrastructure and treatment facilities; 47 parks and 7 recreation facilities; sediment and debris in all 15 drainages; more than 30 streets and sidewalks; 25 damaged areas of the multi-use path system; and hundreds of Open Space and Mountain Parks trails, trailheads, irrigation facilities, fences, and ecological restoration projects. A detailed description of flood impacts to people, private property and infrastructure citywide was provided in the Dec. 3, 2013 City Council memo (bouldercolorado.gov/links/fetch/19109). For more detailed maps of flooding and impacts in Boulder, visit www.BoulderFloodInfo.net.

The city continues to pursue a variety of available resources in the recovery and reimbursement process including insurance, FEMA assistance, and other federal agencies (e.g., Federal Highway Administration, Urban Drainage & Flood Control District, Colorado Water Conservation Board, etc.), as further described in Objective #4.

FLOOD RECOVERY PROJECT STATUS

The city has approximately 300 projects across the community that include repairs, restoration, replacement and mitigation work.

Below is a summary of the total projects by Department/Division. Projects are considered partially complete if work has been started, temporary repairs have been made or mitigation work has yet to be completed. As of April 2014, the city has completed 56 percent of the flood-related projects.
Department-specific details are provided below.

**OPEN SPACE AND MOUNTAIN PARKS (OSMP)**

OSMP continues to recover from the extensive damage caused by the September 2013 rainfall and floods in areas such as trails, trailheads, habitat restoration projects, drainages, irrigation infrastructure, agricultural fences, etc. The majority of OSMP trails have been opened to visitors. However, flood damages still need to be addressed even on these opened trails. OSMP identified over 80 trail repair projects to restore these trails—several of which have been completed. Still, 1.7 miles of city open space trails remain closed due to flood damage. This is just over 1 percent of the 145 miles of OSMP trails. Projects are in varying stages of planning, design and implementation to restore public access on the Saddle Rock, Royal Arch, South Boulder Creek and Boulder Falls trails.

Almost all irrigation ditches are ready to distribute water this spring. Repairing agricultural fences continues to be a priority in an effort to enable tenants to graze pasture-land as planned. To this point, more than ten miles of fence has been repaired and/or had debris removed. Ecological staff has assisted in getting debris and sediment cleared in drainages throughout the system. A summary of OSMP flood-related projects is shown in the table below.

<table>
<thead>
<tr>
<th>PROJECT STATUS</th>
<th>NUMBER OF PROJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed</td>
<td>78</td>
</tr>
<tr>
<td>Partially Completed</td>
<td>22</td>
</tr>
<tr>
<td>Planning/Design</td>
<td>53</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>153</strong></td>
</tr>
</tbody>
</table>

OSMP will continue its focus on flood recovery projects over the next 2-3 years. Projects planned for 2014 include:

- Repair Green Ditch to enable OSMP and other agricultural lands to be irrigated and enhance riparian habitat in the immediate area.
- Repair breached creek banks and restore ecological function at the confluence of Boulder and South Boulder creeks.
- Repair and improved drainage at Bluebell Road along the eastern edge of Chautauqua Meadow.
• Construction of temporary repairs to upper Saddle Rock Trail.
• Reroute the access trail to Green Mountain Lodge from Flagstaff Drive.
• Repair of the Gregory Canyon Trailhead in cooperation with Boulder County.

**PARKS AND RECREATION**

Approximately 34 percent, or 35 of the 98 parks and recreation facilities were significantly damaged by the flood. Recovery work includes repair, restoration and/or replacement of facilities, structures, playgrounds, multi-use fields and courts, and paths.

<table>
<thead>
<tr>
<th>PROJECT STATUS</th>
<th>NUMBER OF PROJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed</td>
<td>34</td>
</tr>
<tr>
<td>Partially Completed</td>
<td>5</td>
</tr>
<tr>
<td>Planning/Design</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>45</strong></td>
</tr>
</tbody>
</table>

Parks and Recreation staff continues to implement flood recovery and restoration projects across the community with approximately 75 percent of the projects complete. The department had 45 distinct projects due to flood damage and have currently completed 34 with five partially completed. The six remaining projects that are currently in planning and design with FEMA coordination include:

• Eben G. Fine Park – restoration and stabilization of south hillside due to erosion from floodwaters.
• Knollwood Tennis Courts – courts were damaged and need complete replacement in addition to replacement of walls and landscape restoration.
• Evert Pierson Memorial Kids Fishing Ponds – full restoration of ponds and associated park amenities.
• Maxwell Lake Park – emergency pumping was needed during the flood to ensure the lake didn’t over top and flood downstream properties. Evaluating whether to construct an outfall structure.
• Bear Creek Park – replacement of pedestrian bridge connecting to Bear Creek Elementary School.
• Flatirons Golf Course and Event Center – replacement of cart path bridge and determination of event center approach.

The department anticipates that all projects will be complete within the next 9 to 12 months.

**UTILITIES**

Although the water utility infrastructure performed admirably and sustained minimal damages, the sanitary sewer, storm water and major drainageway systems were overwhelmed by floodwaters and runoff, groundwater infiltration and inflow to the city’s open channel and pipe conveyance systems. Initial flood response work included the protection of critical sanitary sewers as well as vulnerable water delivery pipelines and access roads to critical water infrastructure. Recovery work includes:
• Inspecting and cleaning 25 percent of the approximate 400 miles of pipe in the sanitary sewer system.
• Inspecting and cleaning 100 percent of the approximate 160 miles of pipe in the storm sewer system.
• Reconstruction of improved drainageway features, which requires the removal of significant amounts of sediment and debris.

<table>
<thead>
<tr>
<th>PROJECT STATUS</th>
<th>NUMBER OF UTILITY PROJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WATER</td>
</tr>
<tr>
<td>Completed</td>
<td>15</td>
</tr>
<tr>
<td>Partially Completed</td>
<td>1</td>
</tr>
<tr>
<td>Planning/Design</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>20</td>
</tr>
</tbody>
</table>

Utilities staff continue to implement flood recovery and restoration projects for the water, wastewater and stormwater/flood management utilities. Approximately 50 percent of the recovery work is complete. Work on all critical water and wastewater infrastructure is complete. Sediment and debris removal from major drainageways is more than 80 percent complete. Repair of drainageway features such as drop structures and retaining walls is less than 20 percent complete but should be completed by the end of the summer (this work will be suspended during spring runoff due to increased flows). Sediment and debris removal from storm sewers is less than 20 percent complete and will likely not be completed until early next year.

**TRANSPORTATION**

Due to the flood, approximately one percent or three miles of roadways were damaged citywide. There are approximately 300 miles of roads that exist within the City of Boulder. It is estimated that approximately 20 percent or 60 miles of the roads were covered in debris. The city also has 60 miles of bike path within the city limits. Approximately, 15 percent, or nine miles, of the path was damaged.

<table>
<thead>
<tr>
<th>PROJECT STATUS</th>
<th>NUMBER OF PROJECTS¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed</td>
<td>16</td>
</tr>
<tr>
<td>Partially Completed</td>
<td>11</td>
</tr>
<tr>
<td>Planning/Design</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>32</td>
</tr>
</tbody>
</table>

All transportation facilities are available for full use by the public. Many of the remaining Transportation projects include construction activities within or adjacent to the Boulder

¹ Projects include FEMA and Federal Highway Administration (FHWA). FEMA oversees the disaster relief federal funding for the street system that carries lower volumes, or residential streets, and FHWA, through Colorado Department of Transportation (CDOT), oversees the federal funding for streets that have higher volumes.
Transportation is targeting the summer or fall for these improvements when the water levels are lower. The remaining section of closed multi-use path, underpass between S. Boulder Creek and Baseline, is now open. The remaining Transportation projects include:

- Table Mesa/Lehigh – channel stabilization, reconstructing drop structures and repairing pavement.
- 55th Street at Cypress – install new storm sewer pipe, complete riprap and other channel work.
- Fourmile Canyon Creek at Violet, 19th and 26th – re-stabilize and protect eroded areas around sides of three bridges.
- 47th Street at Fourmile Canyon Creek – complete fencing.
- Various Street Locations – complete final asphalt resurfacing on flood damaged streets.
- Boulder Creek at 4141 Arapahoe – removal of a piece of displaced concrete.
- Boulder Creek east of 55th St. – repairs to the rip rap protecting the abutments of the pedestrian bridge.

Transportation staff anticipates that all projects will be complete within the next 9 to 12 months.

**FACILITIES AND ASSESS MANAGEMENT (FAM): BUILDINGS AND STRUCTURES**

Of the 365 city-owned buildings and structures approximately 35, or nine percent were damaged due to the flood.

<table>
<thead>
<tr>
<th>PROJECT STATUS</th>
<th>NUMBER OF PROJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed</td>
<td>20</td>
</tr>
<tr>
<td>Partially Completed</td>
<td>11</td>
</tr>
<tr>
<td>Planning/Design</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>

The majority, or 58 percent of building and structural repairs have been completed with mitigation work, such as installing sump pumps, rerouting roof drains, and adding flood walls and doors, starting at the following facilities:

- Fire Stations #1 and #4;
- West Senior Center;
- Reynolds Library;
- Main Library;
- Iris Center; and
- North Boulder Recreation Center.

Additional flood recovery projects include:

- South Boulder Recreation Center – complete geotechnical engineering evaluation to determine mitigation strategies.
- Valmont Butte – reseed in the spring per the requirements of the Voluntary Cleanup Program.
• 1888 Violet Ave. – demolish the flood damaged single-family residence which housed the Wildland Fire crew (known as the “cache”), as mentioned in a previous “Heads Up” to City Council. A new wildland fire station is being built as part of the 2011 voter-approved Capital Improvement Bond.

The department anticipates that all flood-related projects will be complete over the next 9 to 12 months.

*Header photos taken on April 2, 2014 as crews worked to reconstruct drop structures on Boulder Creek, just west of the Broadway bridge and South Boulder Creek, off Table Mesa Road.*
The city continues to assist businesses with flood recovery needs. Impacts to Boulder businesses ranged from moderate damage (businesses that were repaired in a few weeks) to severe (e.g. complete demolition of a building with 20 tenants at 100 Arapahoe Avenue). Business assistance inquiries have included unique requests to specific Boulder businesses (e.g. disposal of confidential but severely damaged documents) and questions about funding sources and business resources.

The city is a participant on the Business Recovery working group of the Long-Term Flood Recovery Group of Boulder County. This group is focused on outreach and assistance for unmet needs of small businesses.

Since mid-March, city staff members from Planning and Development Services, Housing, and Economic Vitality have been working with the State of Colorado Office of Economic Development and International Trade (OEDIT) and the Boulder Small Business Development Center (SBDC) to research and do business outreach for the new Recover Colorado Grant and Loan Program. This $14 million in Community Development Block Grant – Disaster Relief (CDBG-DR) funding is available to small businesses (including home based businesses), non-profit organizations, rental property owners, and homeowners’ associations in the form of grants and loans. These Recover Colorado funds are specifically intended for businesses and non-profits that have unmet needs after applying for other forms of flood recovery assistance. The applications will be available online and the application deadline is June 16. Applicants must work with SBDC to complete their applications, which will be processed on a first come, first served basis.

To alert the community to the availability of this new funding and eligibility requirements, the city sent e-mails to flood impacted business and non-profit organizations and approximately 3,000 rental property owners. Information was also posted on the city’s website and distributed to local/regional media outlets. Notice was sent by e-mails or website postings by local business organizations, including the Boulder Chamber, SBDC, and the Boulder Area Rental Housing Association.
To assist businesses in navigating this process, the city and the SBDC co-hosted a workshop on April 16 with approximately 35 business, non-profit, rental housing, and homeowners’ association representatives. Workshop attendees had the opportunity to schedule an appointment with an SBDC counselor to help prepare their application.

MILESTONES

- Communicated information regarding the Recover Colorado Business Grant and Loan Program (funded through CDBG-DR funds) to hundreds of businesses, non-profit organizations, partner organizations, and approximately 3,000 rental property owners.
- Co-hosted a business flood recovery workshop with the Small Business Development Center (SBDC).

Header photo taken at the March 31, 2014 Flood Preparedness + Recovery open house and event flyer image from the Business Flood Recovery meeting.
Due to the September 2013 flooding, the city was declared a national disaster and created the opportunity for possible reimbursement through FEMA, Federal Highway Administration (FHWA) and the State of Colorado. The city is striving to maximize reimbursement from all applicable agencies. To assist in flood recovery efforts and to reduce costs, staff is utilizing volunteers and exploring grant opportunities. However, grant funding to restore affected facilities to better than pre-flood conditions are highly competitive. The city is currently investigating grant funding opportunities for mitigation projects. Most reimbursement funds are only applicable to return facilities to pre-flood conditions, which does not include mitigation efforts or facility enhancements.

**FINANCIAL RESOURCES**

Due largely to the city’s reserve policies and ability to flex repair dollars, the city is able to fund the emergency response and initial recovery investments. Through the budget process, longer term plans will need to include replenishing the portion of reserves used that are not addressed by reimbursement. In the 2013 budget, the city used $6,817,818 of reserve funds, approved through a budget supplemental on Dec, 3, 2013. In the 2014 budget, $1,621,270 of reserve funds have been requested through the budget supplemental for council consideration on May 6, 2014. Discussions related to reserve funds for 2015 will occur as part of the Capital Improvement Program (CIP) and budget process in the third quarter of 2014.

It is anticipated that FEMA will reimburse the city for 75 percent of eligible costs to restore flood-damaged, publicly-maintained infrastructure to pre-flood conditions. The State of Colorado has indicated that it will provide an additional 12.5 percent toward eligible expenses. To be eligible for reimbursement the work must meet certain criteria established by FEMA and typically must be completed within 18 months of the disaster declaration. Eligible costs are uncertain and are currently estimated to be 80-90 percent of actual costs. The timing of the reimbursement is unknown and may occur over a period of 1-3 years. While this reimbursement will be a tremendous benefit to the city, not all costs are eligible and the city will still be required to pay for at least 12.5 percent of the costs, and any costs denied by FEMA or the state on eligible projects.
The table below illustrates, by Department/Division, the anticipated city share in the flood recovery costs as well as the estimated amount of reimbursement back to the city. To submit for reimbursement through FEMA and FHWA, project worksheets are completed and submitted to the respective agencies for review and processing. Once project worksheets are approved, which can take several months, the funds are obligated to the city. Obligated funds are allocated to the city through a Request for Reimbursements (RFRs) process, which may take months. It is anticipated that the city will begin to receive money allocated to the city in third or fourth quarter of 2014. Final closeout of project worksheets, which includes an audit process, is anticipated to take three to five years.

<table>
<thead>
<tr>
<th>Department/ Division</th>
<th>Amount Spent</th>
<th>Remaining Estimated Cost</th>
<th>Total Cost</th>
<th>Estimated City Share</th>
<th>Estimated Reimbursement from FEMA/State/ FHWA</th>
<th>Actual Reimbursement to City to date</th>
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</thead>
<tbody>
<tr>
<td>Citywide Total</td>
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<td>$38,736,119</td>
<td>$47,080,025</td>
<td>$4,627,054</td>
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<td>PW - FAM/Fleet*</td>
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<td>$54,741</td>
<td>$371</td>
<td>$2,600</td>
<td>$0</td>
</tr>
</tbody>
</table>

*Anticipate that 100 percent of the flood damage to facilities will be covered by insurance. Anticipate a portion of mitigation costs to be covered by FEMA reimbursement.

Damages to city infrastructure are currently estimated at approximately $40-50 million dollars, although that number will change as additional assessments and evaluations occur.

**GRANTS**
The city is seeking grant dollars from a number of state and federal resources, most notably the Community Development Block Grant – Disaster Relief (CDBG-DR) funding. Additional information is included in the Objective 1 and 3 attachments.

The city is exploring additional funding sources including the Colorado Department of Health and Environment (CDPHE), Colorado Water Conservation Board (CWCB), FEMA Hazard Mitigation Grant Program (HMGP) and the Urban Drainage and Flood Control District (UDFCD).

City staff attended a Recover Colorado Funding workshop on April 21, which included information from 22 state and federal agencies.
VOLUNTEERS
Since September, the city has been very fortunate to have a significant level of support by volunteers, with over 1,700 volunteers logging nearly 7,100 hours. Of those hours, 3,429 are eligible for FEMA reimbursement, with a projected value of $54,000.

Upcoming events for public volunteer assistance can be found online here: www.ow.ly/pF4Y.

Header photos taken at OSMP flood recovery volunteer projects in October 2013.
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The Boulder community is still learning about the impacts from the flood. The feedback received from the fall 2013 Flood Open Houses has been compiled and posted online at [www.boulderfloodinfo.net](http://www.boulderfloodinfo.net). Input on where the flood waters traveled was refined and is now online and available for use in recovery and planning efforts. The city collected crowd-sourced information, photos and video from residents using an online application. This information will be used to help the city and community learn from the flood and storm event.

### 2013 FLOOD SURVEY

As part of the learning and planning for the future, the Utilities Division of Public Works sent a survey to approximately 8,500 properties within the city that reported or were near flood damage. The city received approximately 1,300 responses (ca. 20 percent response rate).

Of the survey respondents, the preliminary total reported damage cost was $49,188,241. The vast majority of respondents reported damage to a dwelling, and 75 percent reported that the source of damage was groundwater flooding.
ISET REPORT – FLOODS IN BOULDER: A STUDY IN RESILIENCE
As part of the resilience work being done in the community, the Institute for Social and Environmental Transition (ISET) International, recently published a report called “Floods in Boulder: A Study of Resilience.” The report, partially funded by the Red Cross and Rockefeller Foundation, is an evaluation of Boulder County communities and the resilience after the flood. The report highlights many successes of the city’s planning and emergency response efforts as well as several areas for further improvement. The study can be found here: http://i-s-e-t.org/resources/case-studies/floods-in-boulder.html

RESILIENCE AND “BOUNCING FORWARD”
As part of the city’s resilience effort through the Rockefeller Foundation’s 100 Resilient Cities initiative, city staff and the consulting team have been coordinating on sharing information and lessons from the flood. The kick-off workshop and public meeting for the initiative was held on April 28. Next steps include hiring an Assistant City Manager for Resilience, launching the resilience strategy process and holding a Study Session with City Council on August 26, 2014 regarding Boulder Valley Comprehensive Plan scoping and resilience.

The city is also participating in the Long-Term Flood Recovery Group of Boulder County’s Resilience committee, which is helping to examine the resilience of Boulder County communities and to build on the learning and partnerships established countywide, and to work collectively towards becoming more resilient in the face of future natural disasters. This group will assist in planning a series of events and shared learning the week of the one-year anniversary of the floods in September 2014.

NEIGHBORHOOD MEETING KIT
The city has launched a neighborhood preparedness and flood recovery “meeting-in-a-box” toolkit for neighborhoods, associations, and business organizations to help learn and prepare for the future. Registrations and materials requests are online at https://bouldercolorado.gov/water/flood-preparedness-meetings-in-a-box

MILESTONES:
• Completed the Flood Survey with 1,311 responses.
• Completed two public open houses and preparedness presentations by the city and Office of Emergency Management. The presentation can be viewed here: http://vimeo.com/92368226

Header photos taken at the April 2, 2014 Flood Preparedness + Recovery open house.
**City of Boulder Flood Recovery Structure**

**City Council Key Objectives**

1. Help people get assistance
2. Restore and enhance our infrastructure
3. Assist business recovery
4. Pursue and focus resources to support recovery efforts
5. Learn together and plan for the future

**City Manager**

**Flood Recovery Manager**

Community Planning & Sustainability, Finance, Housing, Human Services, Parks & Recreation, Public Works, Open Space and Mountain Parks, Communications

**Flood Recovery Steering Committee**

**Flood Recovery Coordination Team**

Executive Director of Public Works, Director of Finance, Deputy Director of Community Planning & Sustainability, flood recovery coordinators

**Flood Recovery Teams**

- Community Services Coordinator
- FEMA Coordinator
- FEMA / Finance Coordinator
- FEMA / Infrastructure Coordinator
- Grant Writer/Coordinator

**M-Team**

Citywide Organization

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*This diagram shows the city’s internal long-term flood recovery structure. It is important to note that while not shown on this diagram, long-term flood recovery efforts interrelate to emergency preparedness and response, and resilience planning efforts.*