

# Emergency Preparedness



# Agenda

- **Why Focus on Emergency Planning?**
- **4 Components**
- **Preparedness of Affordable Housing**
- **Template and Sample**
- **Community Resources**

Why

Components

Preparedness

Template

Resources



# Emergency Preparedness



## Recent Events

- Bomb threat (Aug 2010)
- Refinery Explosions (Nov 2009)
- Flooding and mudslides (Aug 2010)
- Earthquakes (April, Aug 2010)
- “Machine Gun” Fire – Herriman (Sept 2010)
- More...

Why

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# Affordable Housing Demographics

- Low-income
- Middle-income
- Seniors / Elderly
- Physically Disabled
- Mentally Disabled
- Homeless
- Transitional

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# FEMA Disasters

- Dam Failure
- Earthquake
- Fire or Wildfire
- Flood
- Hazardous Material
- Heat
- Hurricane
- Landslide
- Nuclear Power Plant Emergency
- Terrorism
- Thunderstorm
- Tornado
- Tsunami
- Volcano
- Wildfire
- Winter Storm

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# Why Develop an Emergency Plan

Financial Costs

Social Costs



*Landslide near Santaquin - 2002*

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# Emergency Management



Mitigation

Preparedness

Response

Recovery

**Why**

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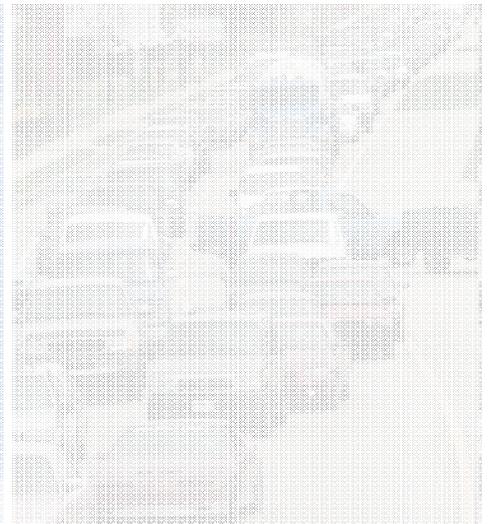
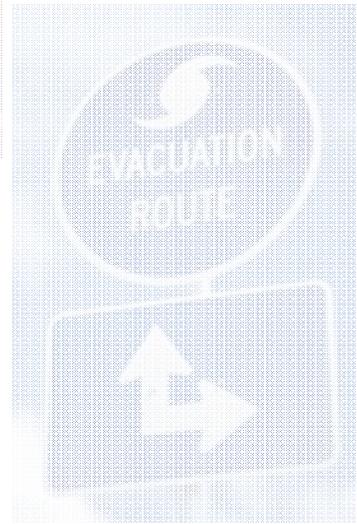
Template

Resources



# 4 Components

1. Protocol / Process
2. Communication
3. Supplies
4. Assessments



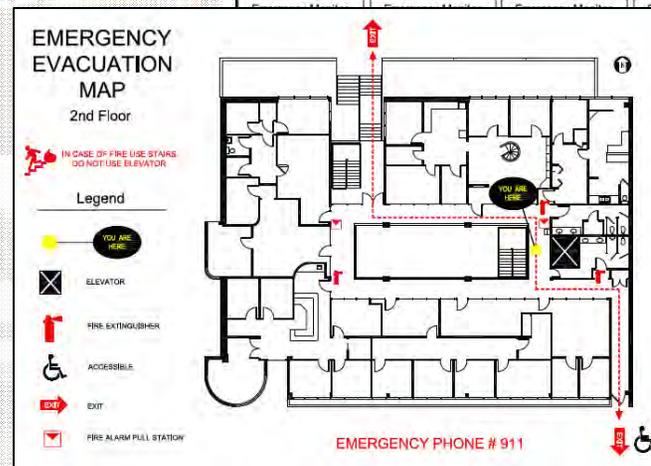
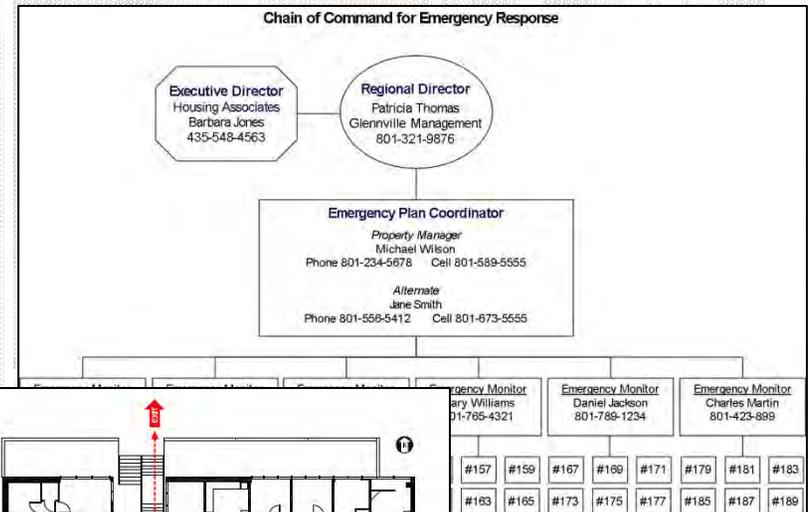
# 4 Components

Protocol / Process

Communication

Supplies

Assessments



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# 4 Components

Protocol / Process

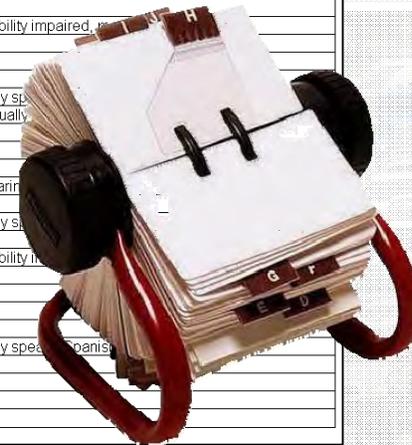
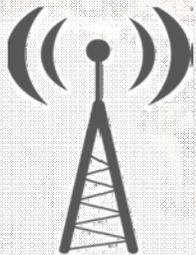
Communication

Supplies

Assessments

Current List of Residents			
Name	Apt	Phone	Special Requirements
Michael Adams	119	435-781-7164	Mobility impaired, <i>may need wheelchair assistance</i>
James Smith*	121	801-544-4444	
Dwight Schrute	123	801-315-7591	
Kathryn Burke	125	435-458-2124	
Margaret Houlihan	127	801-234-5678	
Daniella Holden	129	801-786-8436	Mobility impaired, <i>may need assistance</i>
Linda Garcia*	131	801-556-5412	
Keith Hardy	133	435-584-4546	
Mike Smithson	135	801-513-8318	
Adam Ward	137	435-816-5464	Only speaks Spanish
Laura & Kevin Smith	139	801-546-6545	
Jennifer Jansson	141	801-453-8432	
Robert Gumbo*	143	801-123-4567	
Manuel Hendriksson	145	435-642-1564	
John Martinez	147	801-742-5445	
Greg Kilson	149	801-987-5357	Mobility impaired,
Kendra & Sam Johnson	151	801-531-5438	
<b>Office</b>	<b>153</b>	<b>801-234-5678</b>	
Phil McGraw	155	801-591-7516	
Michele Salazar	157	435-453-4561	Only speaks Spanish
Geordj La Forge	159	801-761-5461	Visually impaired
Larry Stenson	161	801-921-4355	
Sydney Silverstein	163	435-821-5314	
Mary Williams*	165	801-765-4321	
Astrid Lundgren	167	801-584-6433	Hearing impaired
Daniel Jackson*	169	801-789-1234	
Steve & Janice Young	171	801-624-5614	Only speaks Spanish
Beverly Crusher	173	801-543-2109	
Sean McVeay	175	435-897-1358	Mobility impaired
Van Nyuen	177	801-453-5689	
Clara Barton	179	801-445-5667	
Peyton Warner	181	435-531-5461	
Charles Martin*	183	801-423-8989	
Derek Walker	185	801-561-8469	Only speaks Spanish
Jane Smith	187	801-556-5412	
Chris & Lisa Meyer	189	435-738-8164	

\*Emergency Monitor



Why

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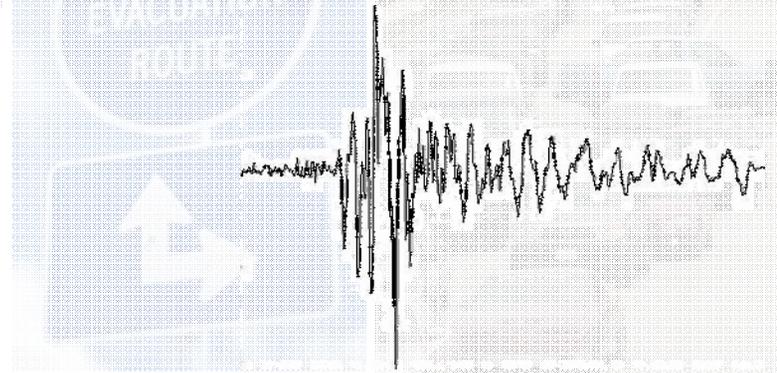
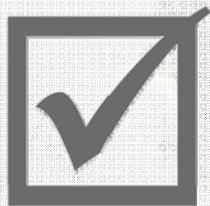


# 4 Components

Protocol / Process  
 Communication  
 Supplies  
 Assessments



Type of Hazard	Probability		Human Impact		Property Impact	
	High 5	Low 1	High 5	Low 1	High 5	Low 1
Earthquake	4	1	5	1	3	2
Fire	4	1	3	4	3	2
Winter Storm	4	1	3	4	3	2
Power outage	3	3	3	4	3	2
Flood	1	3	3	4	3	2
Man-made disasters	3	3	3	3	3	2



Why

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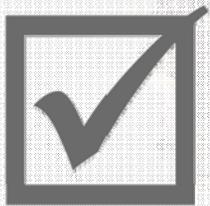
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Resources



# 4 Components

Type of Hazard	Probability		Human Impact		Property Impact		Internal Resources		External Resources		Total
	High 5	Low 1	High 5	Low 1	Weak 5	Strong 1	Weak 5	Strong 1			
Earthquake	4		5		3		5		3	20	
Fire	4		3		4		4		1	16	
Winter Storm	4		3		4		4		3	18	
Power outage	3		3		4		3		2	15	
Flood	1		3		4		3		2	13	
Man-made disasters	3		3		3		3		2	14	



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# Preparedness & Affordable Housing

## Survey Instrument

- 36 questions
- Self-reporting

## Results

- 16+ units per project
- 162 projects (66 responses)
- 42 points possible
  - Average 7.7
  - Median 8

### Emergency Preparedness Plan Evaluation

Project Name \_\_\_\_\_ Owner Contact \_\_\_\_\_  
Property Manager \_\_\_\_\_ Emergency Coordinator \_\_\_\_\_

#### Background:

Is there an emergency plan in place? (Y/N)  
If so, when was the plan last revised? (mm/yyyy) \_\_\_\_\_  
If not, are there plans to implement one? (Y/N)

#### Building/Structure Assessment:

1- Is there a discussion of event susceptibility due to location of property:

*Earthquake* *Power Outages*  
*Fire* *Winter storm*  
*Flood* *Other*  
*Thunderstorms*

Comments:

2- When was the last time a risk analysis (of event susceptibility) was performed?

Comments:

3- Is there an assessment of structural vulnerabilities (age of bldg, construction materials, etc.) (Y/N)

Comments:

4- Is there a plan in place to address structural vulnerabilities (Y/N)

Comments:

5- Is there a cost assessment to address building vulnerabilities? (Y/N)

Comments:

6- Do you anticipate insurance claim receipts adequate to address potential damages and cover the costs to make the units livable? (Y/N)

Comments:

7- Does your insurance policy cover floods and earthquakes? (Y/N)

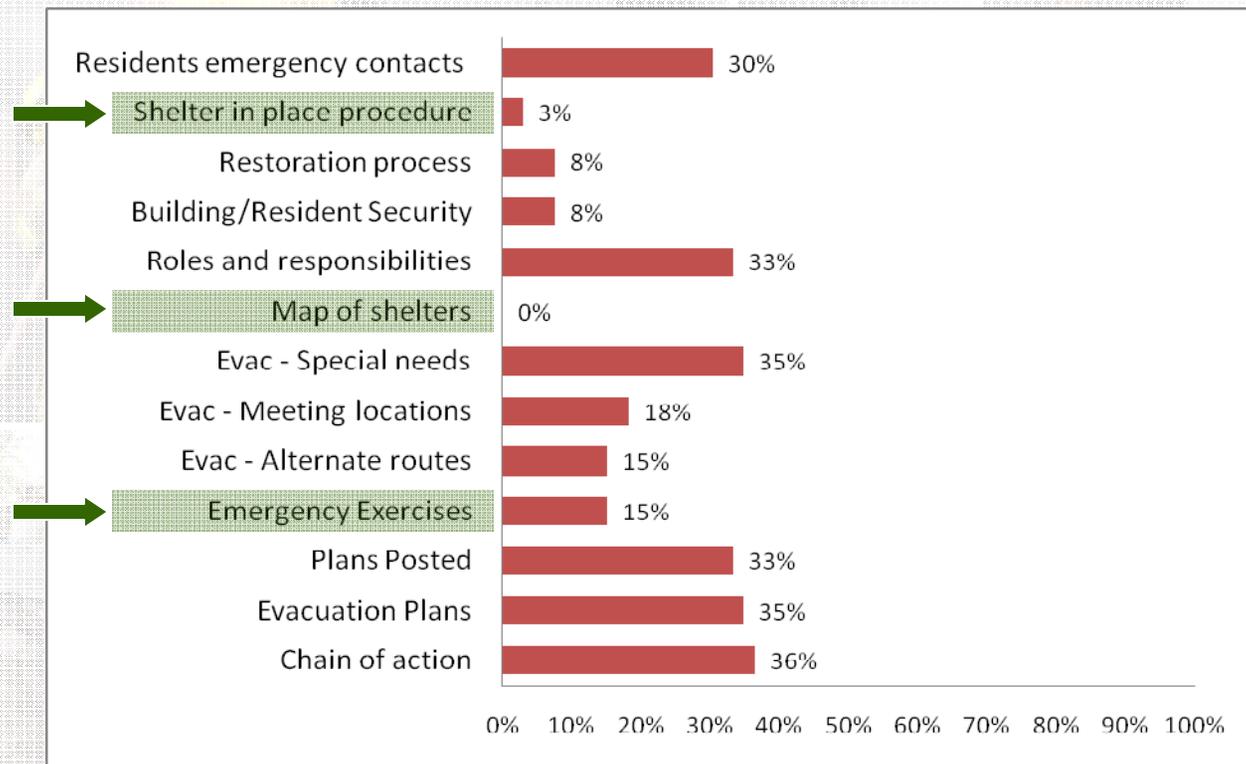
Comments:

8- Do you require renter's insurance plans owned by residents? (Y/N)

Comments:

# Preparedness & Affordable Housing

## Protocol / Process



Why

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**Preparedness**

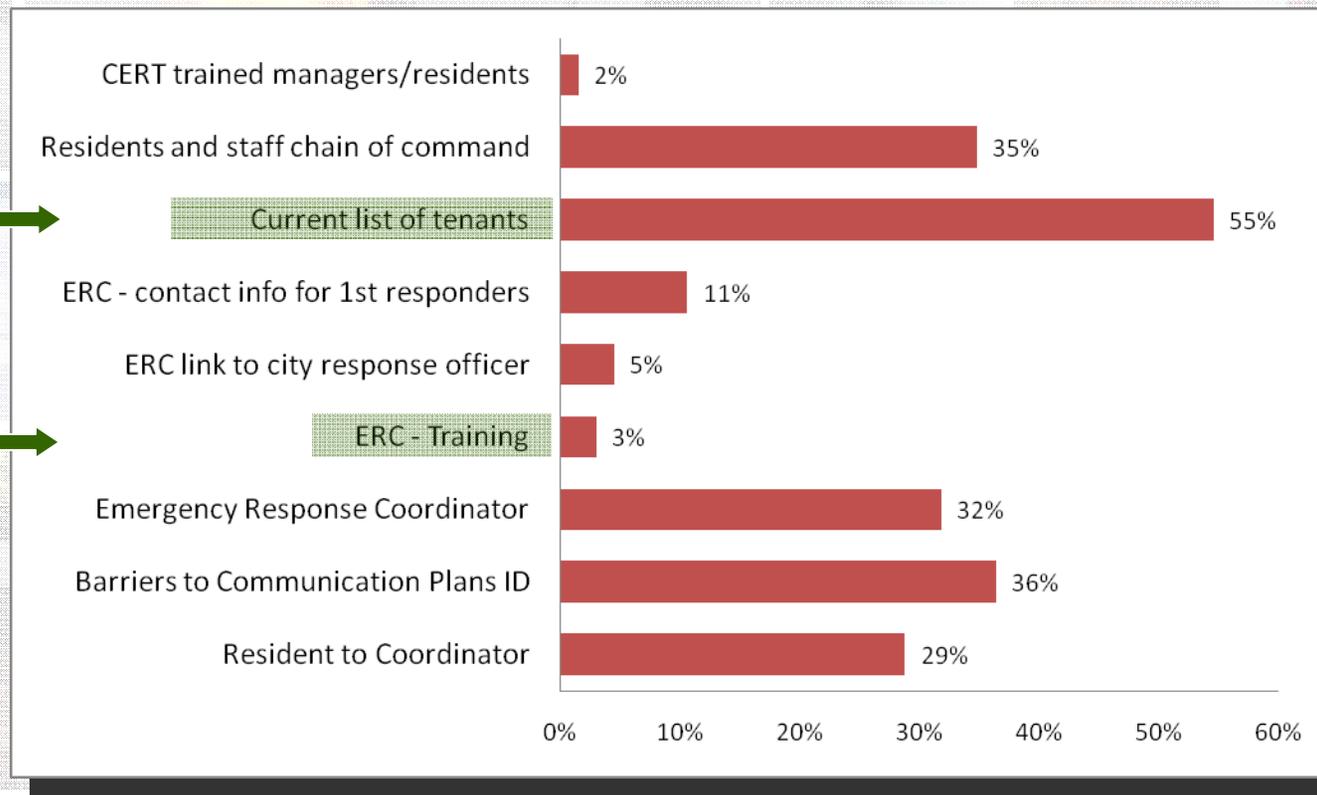
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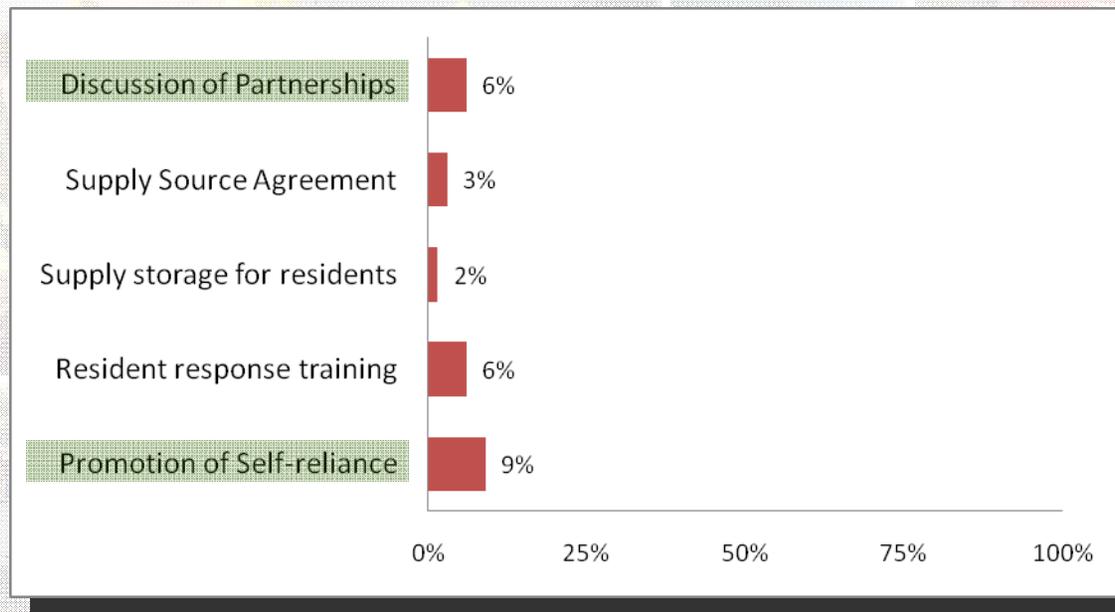
# Preparedness & Affordable Housing

## Communication



# Preparedness & Affordable Housing

## Supplies



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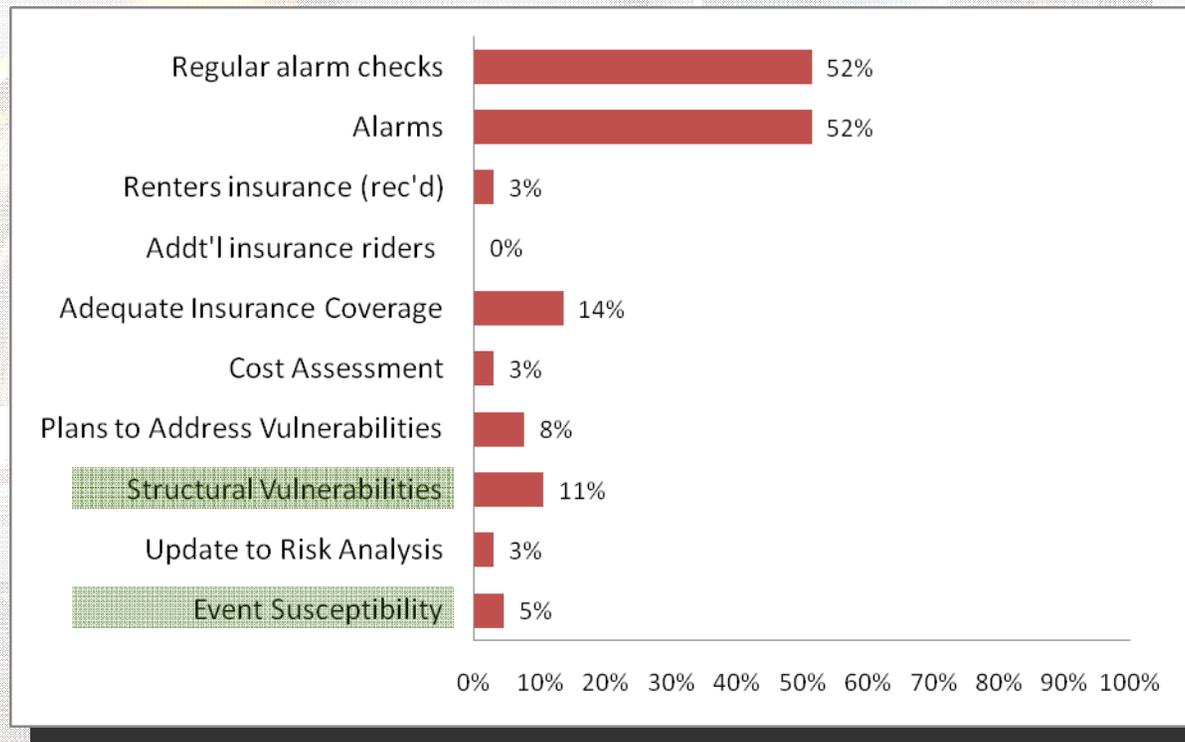
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# Preparedness & Affordable Housing

## Assessments



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# Implications

*“To support quality affordable housing options that meet the needs of Utah's individuals and families”*

-Olene Walker Housing Loan Fund Mission Statement

Why

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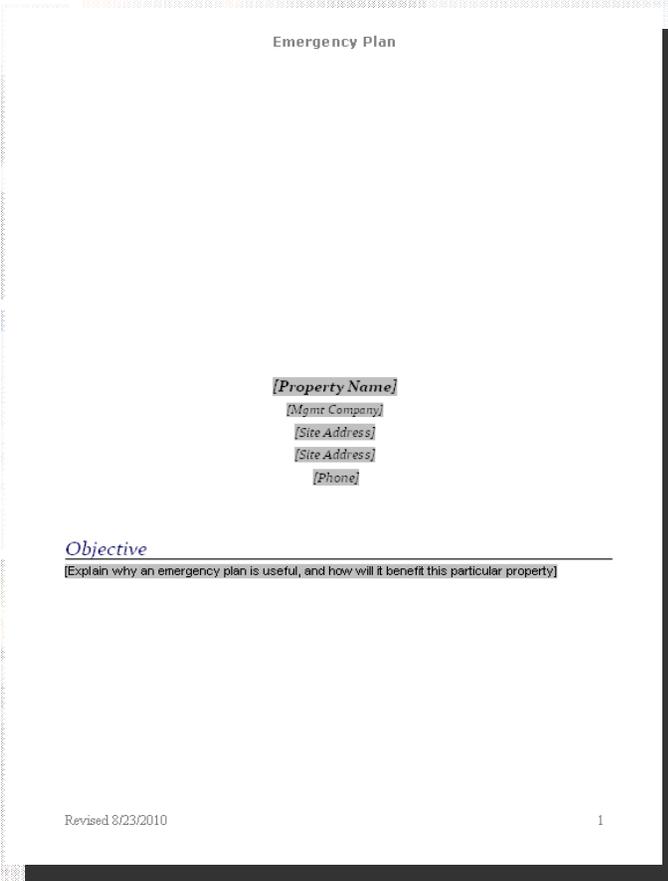
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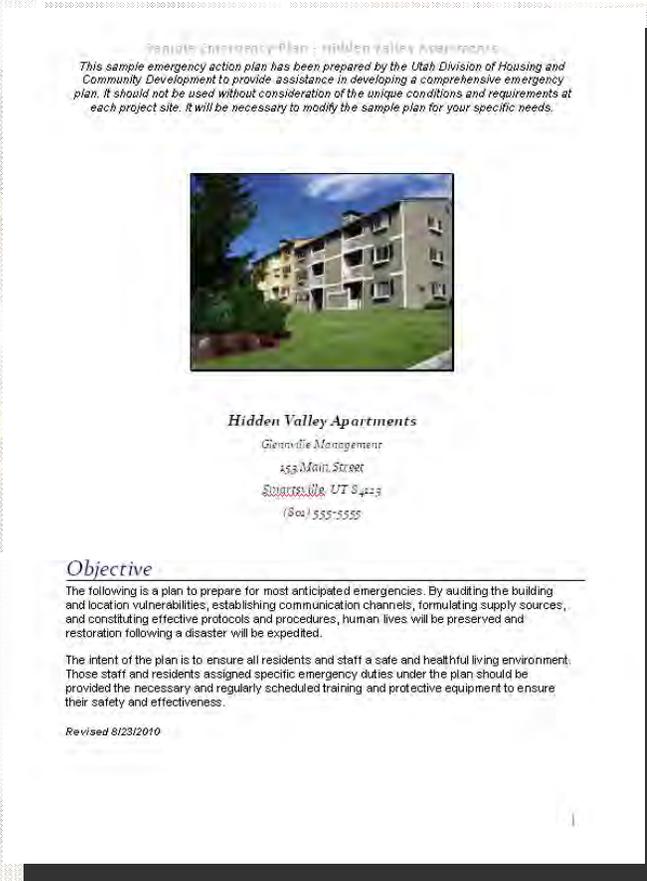
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# What DHCD is Doing



Template



Sample

Why

Components

Preparedness

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# Flipchart

## EMERGENCY RESPONSE PROCEDURES

### Emergency Telephone Numbers

Life Threatening Emergency .....	911
Local Police .....	_____
Local Fire and Paramedics .....	_____
Power Company .....	_____
Water Company .....	_____
Gas Company .....	_____
Building Maintenance .....	_____
Emergency Contact .....	_____
Alternate Emergency Contact .....	_____



Power Outage

Gas Leak

Water Shutoff

Winter Storms

Man-made Disaster

Fire

Flood

Earthquake

In-place Sheltering

Chain of Command

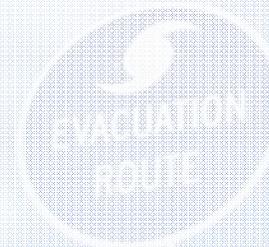
Evacuation Plan

More Contact Information

Other

Other

- Electronic copy
- Customizable



Why

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# Promote Community Planning

- Association of Governments – Mitigation Reports
- Emergency Coordinators – City/County
- Be Ready Utah – Commission on Volunteers/Dept of Public Safety
- Special Needs Registry
- Volunteer Organizations Active in Disasters
  - American Red Cross State of Utah
  - Faith-based organizations
  - CERT teams
  - Utah 2-1-1

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# Conclusion

***“ We can do more, we must do more.”***



# Questions



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