APPENDIX D

WORKSHEETS USED IN PLANNING PROCESS

GEMA Worksheet #1 Identify the Hazard Step 1

Date: What kinds of natural hazards can affect you?

Task A. List the hazards that may occur.

1. *Research newspapers and other historical records*
2. *Review existing plans and reports.*
3. *Talk to the experts in your community, state, or region.*
4. *Gather information on Internet Websites.*
5. *Next to the hazard list below, put a check mark in the Task A boxes beside all hazards that may occur in your community or state.*

Task B. Focus on the most prevalent hazard in your community or state.

1. *Go to hazard Websites.*
2. *Locate your community or state on the Wesbite map.*
3. *Determine whether you are in a high-risk area. Get more localized information if necessary.*
4. *Next to the hazard list below, put a check mark in the Task B boxes beside all hazards that post a significant threat.*

	Task A	**Task B**
Avalanche	___	___
Costal Erosion	**___**	**___**
Costal Storm	___	___
Dam Failure	**_X__**	**_X**
Drought	_X_	_X_
Earthquake	**_X__**	**_**
Expansive Soils	___	___
Extreme Heat	_X__	_
Flood	**_X__**	**_X**
Hailstorm	_X__	__
Hurricane	**___**	**___**
Land Slide	___	___
Severe Winter Storm	_x__	X
Tornado	**_X__**	**___**
Tsunami	**___**	**___**
Volcano	___	___
Wildfire	**_X__**	**X_**
Windstorm	__X_	X_
Hazard Material	___	___
Radiological	___	___
Other_____	___	___
Other_____	___	___
Other_____	___	___

*Note: **Bolded** hazards are addressed in this How-to Guide.*

Use this space to record information you find for each of the hazards you will be researching. Attach additional pages as necessary.

Hazard or Event Description (Type of hazard, date of event, number of injuries, cost and types of damage, etc.)	**Source of Information**	**Map Available for this Hazard?**	**Scale of Map**
See each section of plan and Appendix A for complete list	See Sources on page 98 of plan	Maps for all hazards are behind Appendix A	

GEMA Worksheet #2 Profile Hazard Events Step 2

County: Date:

How Bad Can It Get?

Task A. Obtain or create a base map.

GEMA will be providing you with a base map, USGS topos and DOQQ as part of our deliverables to local government for the planning process. Additionally, we will be providing you with detailed hazard layer coverages. These data layers originate from state or nationwide coverage or datasets. Therefore, it is important for local government to assess what you already have at the local level. It is important for you at the local level to have an idea of what existing maps you have available for the planning process. Some important things to think about:

1) What maps do we already have in the county that would be relevant to the planning process?
2) Have other local plans used maps or mapping technology where there is specific data that is also needed in my local plan?
3) What digital maps do we have?
4) Do we have any Geographic Information System (GIS) data, map themes or layers or databases here at the local level (or regional) that we can use?
5) If we do have any GIS data, where is it located at, and who is our local expert?
6) Are there any ongoing GIS or mapping initiatives at the local level in other planning or mapping efforts? If so, what are they, and what are the timetables for completion?
7) Are there mapping needs that have been identified at the local level in the past? If so, what are they and when were they identified?
8) Of the existing maps, GIS data and other digital mapping information, what confidence do we have at the local level that it is accurate data?

Please answer the above questions on a separate sheet of paper and attach to this worksheet.
It is important to realize that those counties that already have GIS and digital mapping, (ie: parcel level data, GPS fire hydrants, etc) higher levels of spatial accuracy and detail will exist for some data layers at the local level. However, for this planning process, that level of detail will not be needed on all layers in the overall mapping and analysis.

You can use existing maps from:

- Road Maps
- USGS topographic maps or Digital Orthophoto Quarter Quads (DOQQ)
- Topographic and/or planimetric maps from other agencies
- Aerial topographic and/or planimetric maps
- Field Surveys
- GIS software
- CADD software
- Digitized paper map

Title of Map	Scale	Date

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Jefferson County All Jurisdictions
Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	27,827	27,827	100.00%	344,194,010	344,194,010	100.00%	16,930	16,930	100%
Commercial	3,315	3,315	100.00%	126,034,542.50	126,034,542.50	100.00%	16,930	16,930	100%
Industrial	358	358	100.00%	135,832,145	135,832,145	100.00%	1,865	1,865	100%
Agricultural/Forestry	7,690	7,690	100.00%	467,612,760	467,612,760	100.00%	622	622	100%
Religious/Non-profit	748	748	100.00%	28,170,852.50	28,170,852.50	100.00%	16,930	16,930	100%
Government	617	617	100.00%	46,467,097.50	46,467,097.50	100.00%	278	278	100%
Education	17	17	100.00%	10,481,132.50	10,481,132.50	100.00%	3,071	3,071	100%
Utilities	54	54	100.00%	129,575,762.50	129,575,762.50	100.00%	30	30	100%
Total	40,626	40,626	100.00%	1,288,368,303	1,288,368,303	100.00%	16,930	16,930	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Jefferson County All Jurisdictions
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	27,827	87	0.313%	344,194,010	1,102,385	0.320%	16,930	191	1%
Commercial	3,315	0	0.000%	126,034,542.50	0	0.000%	16,930	0	0%
Industrial	358	3	0.838%	135,832,145	1,208,943	0.890%	1,865	114	6%
Agricultural/Forestry	7,690	114	1.482%	467,612,760	6,262,049	1.339%	622	43	7%
Religious/Non-profit	748	0	0.000%	28,170,852.50	0	0.000%	16,930	0	0%
Government	617	0	0.000%	46,467,097.50	0	0.000%	278	0	0%
Education	17	0	0.000%	10,481,132.50	0	0.000%	3,071	0	0%
Utilities	54	4	7.407%	129,575,762.50	2,858,489	2.206%	30	1	3%
Total	40,626	208	0.512%	1,288,368,303	11,431,866	0.887%	16,930	349	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Jefferson County All Jurisdictions
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	25,744	25,744	100.000%	339,986,035	339,986,035	100.000%	16,930	16,930	100%
Commercial	3,107	3,107	100.000%	128,821,310	128,821,310	100.000%	16,930	16,930	100%
Industrial	369	369	100.000%	228,903,453	228,903,453	100.000%	1,865	1,865	100%
Agricultural/Forestry	6,789	6,789	100.000%	495,536,008	495,536,008	100.000%	622	622	100%
Religious/Non-profit	680	680	100.000%	28,022,263	28,022,263	100.000%	16,930	16,930	100%
Government	587	587	100.000%	48,191,470	48,191,469	100.000%	278	278	100%
Education	38	38	100.000%	10,745,091	10,745,091	100.000%	3,071	3,071	100%
Utilities	49	49	100.000%	117,891,820	117,891,820	100.000%	30	30	100%
Total	37,363	37,363	100.000%	1,398,097,448	1,398,097,447	100.000%	16,930	16,930	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Avera

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	678	678	100.00%	4,996,983	4,996,983	100.00%	246	246	100%
Commercial	33	33	100.00%	226,345	226,345	100.00%	246	246	100%
Industrial	0	0	100.00%	0	0	100.00%	0	0	100%
Agricultural/Forestry	15	15	100.00%	346,950	346,950	100.00%	4	4	100%
Religious/Non-profit	23	23	100.00%	391,112.50	391,112.50	100.00%	246	246	100%
Government	24	24	100.00%	161,477.50	161,477.50	100.00%	7	7	100%
Education	0	0	100.00%	0	0	100.00%	0	0	100%
Utilities	3	3	100.00%	385,070	385,070	100.00%	2	2	100%
Total	776	776	100.00%	6,507,938	6,507,938	100.00%	246	246	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Avera
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	678	0	0.00%	4,996,983	0	0.00%	246	0	0%
Commercial	33	0	0.00%	226,345	0	0.00%	246	0	0%
Industrial	0	0	0.00%	0	0	0.00%	0	0	0%
Agricultural/Forestry	15	0	0.00%	346,950	0	0.00%	4	0	0%
Religious/Non-profit	23	0	0.00%	391,112.50	0	0.00%	246	0	0%
Government	24	0	0.00%	161,477.50	0	0.00%	7	0	0%
Education	0	0	0.00%	0	0	0.00%	0	0	0%
Utilities	3	0	0.00%	385,070	0	0.00%	2	0	0%
Total	776	0	0.00%	6,507,938	0	0.00%	246	0	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Avera
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	648	648	100.000%	5,033,888	5,033,888	100.000%	246	246	100%
Commercial	30	30	100.000%	79,148	79,148	100.000%	246	246	100%
Industrial	0	0	100.000%	0	0	100.000%	0	0	100%
Agricultural/Forestry	16	16	100.000%	485,968	485,968	100.000%	4	4	100%
Religious/Non-profit	22	22	100.000%	458,000	458,000	100.000%	246	246	100%
Government	26	26	100.000%	198,958	198,958	100.000%	7	7	100%
Education	0	0	100.000%	0	0	100.000%	0	0	100%
Utilities	3	3	100.000%	377,345	377,345	100.000%	2	2	100%
Total	745	745	100.000%	6,633,305	6,633,305	100.000%	246	246	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Bartow

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	568	568	100.00%	6,228,935	6,228,935	100.00%	286	286	100%
Commercial	105	105	100.00%	1,405,670	1,405,670	100.00%	286	286	100%
Industrial	0	0	100.00%	0	0	100.00%	0	0	100%
Agricultural/Forestry	23	23	100.00%	619,517.5	619517.5	100.00%	0	0	100%
Religious/Non-profit	18	18	100.00%	290,102.5	290102.5	100.00%	286	286	100%
Government	26	26	100.00%	455,605	455,605	100.00%	7	7	100%
Education	0	0	100.00%	0	0	100.00%	0	0	100%
Utilities	5	5	100.00%	2,059,325	2,059,325	100.00%	2	2	100%
Total	745	745	100.00%	11,059,155	11,059,155	100.00%	286	286	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Bartow
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Flood	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	568	3	0.528%	6,228,935	32,899	0.528%	286	8	3%
Commercial	105	0	0.000%	1,405,670	0	0.000%	286	0	0%
Industrial	0	0	0.000%	0	0	0.000%	0	0	0%
Agricultural/Forestry	23	2	8.696%	619,517.5	53,871	8.696%	0	0	0%
Religious/Non-profit	18	0	0.000%	290,102.5	0	0.000%	286	0	0%
Government	26	0	0.000%	455,605	0	0.000%	7	0	0%
Education	0	0	0.000%	0	0	0.000%	0	0	0%
Utilities	5	0	0.000%	2,059,325	0	0.000%	2	0	0%
Total	745	5	0.671%	11,059,155	86,770	0.785%	286	8	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Bartow
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	533	533	100.000%	6,397,115	6,397,115	100.000%	286	286	100%
Commercial	94	94	100.000%	1,210,733	1,210,733	100.000%	286	286	100%
Industrial	0	0	100.000%	-	-	100.000%	0	0	100%
Agricultural/Forestry	4	4	100.000%	1,977,710	1,977,710	100.000%	0	0	100%
Religious/Non-profit	15	15	100.000%	324,838	324,838	100.000%	286	286	100%
Government	27	27	100.000%	565,448	565,448	100.000%	7	7	100%
Education	0	0	100.000%	-	-	100.000%	0	0	100%
Utilities	4	4	100.000%	1,977,710	1,977,710	100.000%	2	2	100%
Total	677	677	100.000%	12,453,553	12,453,553	100.000%	286	286	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Louisville

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,439	3439	100.000%	45,890,437.50	45,890,437.50	100.000%	2,493	2,493	100%
Commercial	966	966	100.000%	38,691,782.50	38,691,782.50	100.000%	2,493	2,493	100%
Industrial	25	25	100.000%	1,000,982.50	1,000,982.50	100.000%	318	318	100%
Agricultural/Forestry	20	20	100.000%	469,970	469,970	100.000%	8	8	100%
Religious/Non-profit	103	103	100.000%	6,887,522.50	6,887,522.50	100.000%	2,493	2,493	100%
Government	183	183	100.000%	18,512,977.50	18,512,977.50	100.000%	100	100	100%
Education	0	0	100.000%	0.00	0.00	100.000%	568	568	100%
Utilities	5	5	100.000%	3,950,737.50	3,950,737.50	100.000%	6	6	100%
Total	4,741	4,741	100.000%	115,404,410	115,404,410	100.000%	2,493	2,493	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Louisville
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Flood	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,439	0	0.00%	45,890,437.50	0	0.00%	2,493	0	0%
Commercial	966	0	0.00%	38,691,782.50	0	0.00%	2,493	0	0%
Industrial	25	0	0.00%	1,000,982.50	0	0.00%	318	0	0%
Agricultural/Forestry	20	8	40.00%	469,970	187,988	40.00%	8	0	0%
Religious/Non-profit	103	0	0.00%	6,887,522.50	0	0.00%	2,493	0	0%
Government	183	0	0.00%	18,512,977.50	0	0.00%	100	0	0%
Education	0	0	0.00%	0.00	0	0.00%	568	0	0%
Utilities	5	1	20.00%	3,950,737.50	790,148	20.00%	6	0	0%
Total	4,741	9	0.190%	115,404,410	978,136	0.848%	2,493	0	0%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Louisville
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,318	3,318	100.000%	46,372,040	46,372,040	100.000%	2,493	2,493	100%
Commercial	902	902	100.000%	38,884,098	38,884,098	100.000%	2,493	2,493	100%
Industrial	24	24	100.000%	1,299,218	1,299,218	100.000%	318	318	100%
Agricultural/Forestry	23	23	100.000%	675,083	675,083	100.000%	8	8	100%
Religious/Non-profit	97	97	100.000%	6,659,340	6,659,340	100.000%	2,493	2,493	100%
Government	181	181	100.000%	20,256,798	20,256,798	100.000%	100	100	100%
Education	3	3	100.000%	55,940	55,940	100.000%	568	568	100%
Utilities	3	3	100.000%	3,894,490	3,894,490	100.000%	6	6	100%
Total	4,551	4,551	100.000%	118,097,005	118,097,005	100.000%	2,493	2,493	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Stapleton

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	872	872	100.00%	8,862,469	8,862,469	100.00%	438	438	100%
Commercial	81	81	100.00%	805,115	805,115	100.00%	438	438	100%
Industrial	0	0	100.00%	0	0	100.00%	0	0	100%
Agricultural/Forestry	57	57	100.00%	1,369,993	1,369,993	100.00%	4	4	100%
Religious/ Non-profit	23	23	100.00%	376,522.50	376,522.50	100.00%	438	438	100%
Government	42	42	100.00%	787,460	787,460	100.00%	12	12	100%
Education	0	0	100.00%	0	0	100.00%	0	0	100%
Utilities	6	6	100.00%	1,165,475	1,165,475	100.00%	2	2	100%
Total	1,081	1,081	100.00%	13,367,032.50	13,367,032.50	100.00%	438	438	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Stapleton
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Flood	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	872	15	1.720%	8,862,469	152,451	1.720%	438	27	6%
Commercial	81	0	0.00%	805,115	0	0.000%	438	0	0%
Industrial	0	0	0.00%	0	0	0.000%	0	0	0%
Agricultural/Forestry	57	1	1.754%	1,369,993	24,035	1.754%	4	4	100%
Religious/ Non-profit	23	0	0.00%	376,522.50	0	0.000%	438	0	0%
Government	42	0	0.00%	787,460	0	0.000%	12	0	0%
Education	0	0	0.00%	0	0	0.000%	0	0	0%
Utilities	6	0	0.00%	1,165,475	0	0.000%	2	0	0%
Total	1,081	16	1.480%	13,367,032.50	176,486	1.320%	438	31	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Stapleton
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	812	812	100.000%	8,880,363	8,880,363	100.000%	438	438	100%
Commercial	75	75	100.000%	873,823	873,823	100.000%	438	438	100%
Industrial	4	4	100.000%	19,825	19,825	100.000%	0	0	100%
Agricultural/Forestry	6	6	100.000%	1,013,588	1,013,588	100.000%	4	4	100%
Religious/ Non-profit	19	19	100.000%	423,808	423,808	100.000%	438	438	100%
Government	32	32	100.000%	678,190	678,190	100.000%	12	12	100%
Education	9	9	100.000%	180,330	180,330	100.000%	0	0	100%
Utilities	6	6	100.000%	1,013,588	1,013,588	100.000%	2	2	100%
Total	963	963	100.000%	13,083,513	13,083,513	100.000%	438	438	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Unincorporated Jefferson County
Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	16,168	16,168	100.00%	201,060,195	201,060,195	100.000%	9,219	9,219	100%
Commercial	924	924	100.00%	35,222,695	35,222,695	100.000%	9,219	9,219	100%
Industrial	157	157	100.00%	68,477,190	68,477,190	100.000%	781	781	100%
Agricultural/Forestry	7,501	7,501	100.00%	461,839,062.50	461,839,062.50	100.000%	586	586	100%
Religious/ Non-profit	402	402	100.00%	13,814,122.50	13,814,122.50	100.000%	9,219	9,219	100%
Government	132	132	100.00%	18,872,065	18,872,065	100.000%	79	79	100%
Education	15	15	100.00%	7,145,790	7,145,790	100.000%	1,259	1,259	100%
Utilities	20	20	100.00%	112,850,212.50	112,850,212.50	100.000%	12	12	100%
Total	25,319	25,319	100.00%	919,281,332.50	919,281,332.50	100.000%	9,219	9,219	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Unincorporated Jefferson County
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	16,168	15	0.093%	201,060,195	186,535	0.093%	9,219	48	1%
Commercial	924	0	0.000%	35,222,695	0	0.000%	9,219	0	0%
Industrial	157	0	0.000%	68,477,190	0	0.000%	781	0	0%
Agricultural/Forestry	7,501	87	1.160%	461,839,062.50	5,356,619	1.160%	586	27	5%
Religious/ Non-profit	402	0	0.000%	13,814,122.50	0	0.000%	9,219	0	0%
Government	132	0	0.000%	18,872,065	0	0.000%	79	0	0%
Education	15	0	0.000%	7,145,790	0	0.000%	1,259	0	0%
Utilities	20	0	0.000%	112,850,212.50	0	0.000%	12	0	0%
Total	25,319	102	0.403%	919,281,332.50	5,543,154	0.603%	9,219	75	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Unincorporated Jefferson County
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	14,580	14,580	100.000%	194,400,125	194,400,125	100.000%	9,219	9,219	100%
Commercial	911	911	100.000%	41,068,853	41,068,853	100.000%	9,219	9,219	100%
Industrial	165	165	100.000%	171,488,863	171,488,863	100.000%	781	781	100%
Agricultural/Forestry	6,663	6,663	100.000%	488,564,273	488,564,273	100.000%	586	586	100%
Religious/ Non-profit	373	373	100.000%	13,881,963	13,881,963	100.000%	9,219	9,219	100%
Government	117	117	100.000%	18,480,838	18,480,838	100.000%	79	79	100%
Education	22	22	100.000%	9,945,283	9,945,283	100.000%	1,259	1,259	100%
Utilities	19	19	100.000%	102,098,505	102,098,505	100.000%	12	12	100%
Total	22,850	22,850	100.000%	1,039,928,700	1,039,928,700	100.000%	9,219	9,219	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wadley

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,002	3,002	100.00%	31,666,725	31,666,725	100.00%	2,061	2,061	100%
Commercial	411	411	100.00%	15,354,130	15,354,130	100.00%	2,061	2,061	100%
Industrial	106	106	100.00%	56,965,835	56,965,835	100.00%	454	454	100%
Agricultural/Forestry	53	53	100.00%	2,068,570	2,068,570	100.00%	12	12	100%
Religious/ Non-profit	61	61	100.00%	1,738,690	1,738,690	100.00%	2,061	2,061	100%
Government	95	95	100.00%	1,783,117.50	1,783,117.50	100.00%	36	36	100%
Education	2	2	100.00%	3,335,342.50	3,335,342.50	100.00%	292	292	100%
Utilities	10	10	100.00%	5,325,452.50	5,325,452.50	100.00%	3	3	100%
Total	3,740	3,740	100.00%	118,237,862.50	118,237,862.50	100.00%	2,061	2,061	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wadley
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Flood	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3002	15	0.500%	31,666,725	158,228	0.500%	2,061	15	1%
Commercial	411	0	0.000%	15,354,130	0	0.000%	2,061	0	0%
Industrial	106	2	1.887%	56,965,835	1,074,827	1.887%	454	2	0%
Agricultural/Forestry	53	12	22.642%	2,068,570	468,355	22.642%	12	12	100%
Religious/ Non-profit	61	0	0.000%	1,738,690	0	0.000%	2,061	0	0%
Government	95	0	0.000%	1,783,117.50	0	0.000%	36	0	0%
Education	2	0	0.000%	3,335,342.50	0	0.000%	292	0	0%
Utilities	10	1	10.000%	5,325,452.50	532,545	10.000%	3	1	33%
Total	3740	30	0.802%	118,237,862.50	2,233,956	1.889%	2,061	30	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wadley
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,852	2,852	100.000%	33,301,175	33,301,175	100.000%	2,061	2,061	100%
Commercial	364	364	100.000%	13,931,848	13,931,848	100.000%	2,061	2,061	100%
Industrial	104	104	100.000%	36,872,950	36,872,950	100.000%	454	454	100%
Agricultural/Forestry	50	50	100.000%	1,783,253	1,783,253	100.000%	12	12	100%
Religious/ Non-profit	54	54	100.000%	1,726,628	1,726,628	100.000%	2,061	2,061	100%
Government	102	102	100.000%	3,002,377	3,002,377	100.000%	36	36	100%
Education	2	2	100.000%	305,201	305,201	100.000%	292	292	100%
Utilities	10	10	100.000%	4,684,903	4,684,903	100.000%	3	3	100%
Total	3,538	3,538	100.000%	95,608,333	95,608,333	100.000%	2,061	2,061	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wrens

Hazard: Drought, Wildfire, Severe Weather, Winter Storm, Earthquake

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,100	3,100	100.00%	45,488,267.50	45,488,267.50	100.00%	2,187	2,187	100%
Commercial	795	795	100.00%	34,328,805	34,328,805	100.00%	2,187	2,187	100%
Industrial	70	70	100.00%	9,388,137.50	9,388,137.50	100.00%	312	312	100%
Agricultural/Forestry	21	21	100.00%	898,697.50	898,697.50	100.00%	8	8	100%
Religious/ Non-profit	118	118	100.00%	4,672,780	4,672,780	100.00%	2,187	2,187	100%
Government	115	115	100.00%	5,894,395	5,894,395	100.00%	37	37	100%
Education	0	0	100.00%	0	0	100.00%	952	952	100%
Utilities	5	5	100.00%	3,839,490	3,839,490	100.00%	3	3	100%
Total	4,224	4,224	100.00%	104,510,572.50	104,510,572.50	100.00%	2,187	2,187	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wrens
Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Flood	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,100	39	1.258%	45,488,267.50	572,272	1.258%	2,187	93	4%
Commercial	795	0	0.000%	34,328,805	0	0.000%	2,187	0	0%
Industrial	70	1	1.429%	9,388,137.50	134,116	1.429%	312	112	36%
Agricultural/Forestry	21	4	19.048%	898,697.50	171,180	19.048%	8	0	0%
Religious/ Non-profit	118	0	0.000%	4,672,780	0	0.000%	2,187	0	0%
Government	115	0	0.000%	5,894,395	0	0.000%	37	0	0%
Education	0	0	0.000%	0	0	0.000%	952	0	0%
Utilities	5	2	40.000%	3,839,490	1,535,796	40.000%	3	0	0%
Total	4,224	46	1.089%	104,510,572.50	2,413,364	2.309%	2,187	205	

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?	Y	
2. Do you know whether your critical facilities will be operational after a hazard event?	Y	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	Y	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	Y	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?	Y	
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		N

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Wrens
Hazard: Dam Failure

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,001	3,001	100.000%	45,601,330	45,601,330	100.000%	2,187	2,187	100%
Commercial	731	731	100.000%	32,772,810	32,772,810	100.000%	2,187	2,187	100%
Industrial	72	72	100.000%	19,222,598	19,222,598	100.000%	312	312	100%
Agricultural/Forestry	27	27	100.000%	1,036,135	1,036,135	100.000%	8	8	100%
Religious/ Non-profit	100	100	100.000%	4,547,688	4,547,688	100.000%	2,187	2,187	100%
Government	102	102	100.000%	5,008,863	5,008,862	100.000%	37	37	100%
Education	2	2	100.000%	258,338	258,338	100.000%	952	952	100%
Utilities	4	4	100.000%	3,845,280	3,845,280	100.000%	3	3	100%
Total	4,039	4,039	100.000%	112,293,040	112,293,039	100.000%	2,187	2,187	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	**N**
1. Do you know where the greatest damages may occur in your area?		N
2. Do you know whether your critical facilities will be operational after a hazard event?		N
3. Is there enough data to determine which assets are subject to the greatest potential damages?		N
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	Y	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		N
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		N
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?	Y	

JCOUNTY-WIDE INCLUDES ALL JURISDICTIONS
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	8	89	2	3	7	11.13	8.99	15.00	0.2	0.15	0.14
Wildfire	175	62	36	84	168	0.35	282.26	420.00	3.6	4.2	3.36
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	15	69	2	5	15	4.60	21.74	25.00	0.2	0.25	0.3
Thunderstorm Wind	104	69	24	51	87	0.66	150.72	255.00	2.4	2.55	1.74
Hail	50	69	6	24	33	1.38	72.46	120.00	0.6	1.2	0.66
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	194	69	37	95	175	0.36	281.16	475.00	3.7	4.75	3.5
Dam Failure	1	69	0	0	1	69.00	1.45	0.00	0	0	0.02
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuracy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

COUNTY UNICORPORATED AREAS
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	8	89	2	3	7	11.13	8.99	15.00	0.2	0.15	0.14
Wildfire	175	62	36	84	168	0.35	282.26	420.00	3.6	4.2	3.36
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	15	69	2	5	15	4.60	21.74	25.00	0.2	0.25	0.3
Thunderstorm Wind	69	69	5	16	52	1.00	100.00	80.00	0.5	0.8	1.04
Hail	23	69	0	1	6	0.00	#DIV/0!	5.00	0.1	0.05	0.12
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	192	69	37	85	172	0.36	278.26	425.00	3.7	4.25	3.44
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Avera
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	1	69	1	1	1	69.00	1.45	5.00	0.1	0.05	0.02
Thunderstorm Wind	67	69	3	14	50	1.03	97.10	70.00	0.3	0.7	1
Hail	24	69	1	2	7	2.88	34.78	10.00	0.1	0.1	0.14
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	15	69	0	0	4	4.60	21.74	0.00	0	0	0.08
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Bartow
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	1	69	0	1	1	69.00	1.45	5.00	0	0.05	0.02
Thunderstorm Wind	67	69	4	14	50	1.03	97.10	70.00	0.4	0.7	1
Hail	24	69	0	1	7	2.88	34.78	5.00	0	0.05	0.14
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	15	69	0	0	4	4.60	21.74	0.00	0	0	0.08
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Louisville

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	1	69	1	1	1	69.00	1.45	5.00	0.1	0.05	0.02
Thunderstorm Wind	78	69	9	25	61	0.88	113.04	125.00	0.9	1.25	1.22
Hail	37	69	2	12	20	1.86	53.62	60.00	0.2	0.6	0.4
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	16	69	0	1	5	4.31	23.19	5.00	0	0.05	0.1
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuracy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Stapleton
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	1	69	1	1	1	69.00	1.45	5.00	0.1	0.05	0.02
Thunderstorm Wind	68	69	3	15	51	1.01	98.55	75.00	0.3	0.75	1.02
Hail	23	69	0	1	6	3.00	33.33	5.00	0	0.05	0.12
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	15	69	0	0	4	4.60	21.74	0.00	0	0	0.08
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Wadley
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0	69	0	0	0	#DIV/0!	0.00	0.00	0	0	0
Tornado	1	69	1	1	1	69.00	1.45	5.00	0.1	0.05	0.02
Thunderstorm Wind	74	69	6	21	57	0.93	107.25	105.00	0.6	1.05	1.14
Hail	25	69	1	3	8	2.76	36.23	15.00	0.1	0.15	0.16
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	15	69	0	0	4	4.60	21.74	0.00	0	0	0.08
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.

10-20 years.

Wrens

HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	20 year Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Hurricane Surge - Cat 1						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 2						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 3						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 4						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Surge - Cat 5						#DIV/0!	#DIV/0!	0.00	0	0	0
Hurricane Wind						#DIV/0!	#DIV/0!	0.00	0	0	0
Floods	7	89	2	3	6	12.71	7.87	15.00	0.2	0.15	0.12
Wildfire						#DIV/0!	#DIV/0!	0.00	0	0	0
Earthquake	0		0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tornado	2	69	1	2	2	34.50	2.90	10.00	0.1	0.1	0.04
Thunderstorm Wind	71	69	6	18	54	0.97	102.90	90.00	0.6	0.9	1.08
Hail	27	69	2	5	10	1.38	72.46	25.00	0.6	1.2	0.66
Drought	26	69	4	24	26	2.65	37.68	120.00	0.4	1.2	0.52
Extreme Heat						#DIV/0!	#DIV/0!	0.00	0	0	0
Snow & Ice	41	126	4	15	24	3.07	32.54	75.00	0.4	0.75	0.48
Lightning	16	69	0	1	5	4.31	23.19	5.00	0	0.05	0.1
Landslide						#DIV/0!	#DIV/0!	0.00	0	0	0
Dam Failure	0	0	0	0	0	#DIV/0!	#DIV/0!	0.00	0	0	0
Tropical Storm	21	69	4	15	18	3.29	30.43	75.00	0.4	0.75	0.36
HazMat Release (fixed)						#DIV/0!	#DIV/0!	0.00	0	0	0
HazMat Release (trans)						#DIV/0!	#DIV/0!	0.00	0	0	0
Radiological Release						#DIV/0!	#DIV/0!	0.00	0	0	0

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval.
For example: If there have been 20 HazMat Releases in the County in the past 5 years,
statistically you could expect that there will be 4 releases a year.
Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.
By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

JEFFERSON COUNTY
HAZARD MITIGATION PLAN UPDATE

Documentation of Labor Match

NAME (Please Print): _____

ORGANIZATION: _____

DATE(S): _____

EVENT: __Hazard Mitigation Plan Update_____

HOURLY SALARY: _____

BENEFITS PER HOUR: _____

HOURS CONTRIBUTED (Include travel time): _____

TOTAL LABOR MATCH:_____

(Hourly Salary + Benefits Per Hour) X Hours Contributed = Total Labor Match

SIGNATURE: _____

(FORM IS NOT VALID WITHOUT SIGNATURE)

"I authorize GEMA/HS to use the value identified for federal costs sharing matching purposes and do not otherwise believe that I am currently paid with federal funds or that my salary is being used to satisfy any other federal costs sharing obligation."

For use by Committee Members (e.g. EMA Director, County Engineer ...)

Facility Name

Location

Longitude

Latitude

Location Method: [ ] Geocode [ ] GPS [ ] GPS-closed [ ] GPS - dnr [ ] Manual add

Address 1:

Address 2: (PO BOX)

City: Zip:

Jurisdiction:

Daytime Occupancy:

Night Occupancy:

Building Value

Number of Stories:

Functional Use Value:

Year Constructed:

Displacement Cost Per Day:

Area Sq Ft:

Contents Value:

Bldg Value:

Contents Value Year:

Valuation Year:

Contents Description:

Building Valuation Type: [ ] 0 = Unknown [ ] 1 = Market Value [ ] 2 = Assessed Value [ ] 3 = Replacement Value [ ] 99 = Other

*Mark any or all that apply. See back of page for details.

- [ ] Essential Facility
- [ ] Transportation Facility
- [ ] Lifeline System
- [ ] High Potential Loss
- [ ] HazMat Facility
- [ ] Important Facility
- [ ] Vulnerable Population
- [ ] Economic Asset
- [ ] Special Consideration
- [ ] Historical Consideration
- [ ] Other Facility

Other Details:

See back of page for codes.

Building Type Code:

Occupancy Code:

*Choose Only One Faciltiy Type

Facility Type:

- [ ] Pre-kindergarten
- [ ] Kindergarten
- [ ] Primary School
- [ ] Elementary School
- [ ] Middle School
- [ ] Middle/High School
- [ ] High School, Public
- [ ] Private School
- [ ] Other School
- [ ] Alternative Division
- [ ] Alternative School
- [ ] Private Two-Year College
- [ ] Public Two-Year College
- [ ] Private Four-Year College
- [ ] Public Four-Year College
- [ ] Private University
- [ ] Public University
- [ ] Public Vocational Technical School
- [ ] Psychoeducational
- [ ] Adult Edu. Center
- [ ] Airport
- [ ] City Hall
- [ ] City Jail
- [ ] County Correctional Institution
- [ ] County Jail
- [ ] Courthouse
- [ ] Federal Penitentiary
- [ ] Fire Station
- [ ] Wastewater Treatment Plant
- [ ] Water System
- [ ] C and D Construction and Demolition Landfill
- [ ] L (Dry Trash) Landfill
- [ ] MSWL (Municipal Solid Waste Landfill)
- [ ] SL (Sanitary Waste) Landfill
- [ ] Recycling Center
- [ ] Transfer Station
- [ ] Hospital, Admissions Entrance
- [ ] Hospital, Emergency Entrance
- [ ] Library
- [ ] Marshals Office
- [ ] Police Station
- [ ] Sheriffs Office
- [ ] Emergency Services
- [ ] State Prison
- [ ] Other

Building Type Code:

[ ] C1 = Concrete Moment Frame
[ ] C2 = Concrete Shear Walls
[ ] C3 = Concrete Frame with Unreinforced Masonry Infill Walls
[ ] MH = Manufactured Housings
[ ] O = Other Building Type
[ ] P1 = Precast Concrete Tilt-Up Walls
[ ] P2 = Precast Concrete Frames with Cast-in-Place Concrete Shear Walls
[ ] RM1 = Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms
[ ] RM2 = Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms
[ ] S1 = Steel Moment Frame
[ ] S2 = Steel Braced Frame
[ ] S3 = Steel Light Frame
[ ] S4 = Steel Frame with Cast-in-Place Concrete Shear Walls
[ ] S5 = Steel Frame with Unreinforced Masonry Infill Walls
[ ] URM = Unreinforced Masonry Bearing Walls
[ ] UNK = Unknown Building Type

Occupancy Code:

[ ] AGR1 = Agriculture Facilities and Offices
[ ] COM1 = Retail Trade
[ ] COM2 = Wholesale Trade
[ ] COM3 = Personal and Repair Services
[ ] COM4 = Professional/Technical Services
[ ] COM5 = Banks
[ ] COM6 = Hospital
[ ] COM7 = Medical Office and Clinic
[ ] COM8 = Entertainment _Recreation
[ ] COM9 = Theaters
[ ] COM10 = Parking Garages
[ ] EDU1 = Grade Schools and Admin. Offices
[ ] EDU2 = Colleges and Universities
[ ] GOV1 = Government - General Services
[ ] GOV2 = Government - Emergency Response
[ ] UNK = Unknown
[ ] IND1 = Heavy Industrial
[ ] IND2 = Light Industrial
[ ] IND3 = Food/Drugs/Chemicals
[ ] IND4 = Metals/Minerals Processing
[ ] IND5 = High Technology
[ ] IND6 = Construction Facilities and Offices
[ ] REL1 = Churches and Non-Profit Organizations
[ ] RES1 = Single Family Dwellings
[ ] RES2 = Manufactured Housing
[ ] RES3A = Duplex
[ ] RES3B = 3 to 4 Units
[ ] RES3C = 5 to 9 Units
[ ] RES3D = 10 to 19 Units
[ ] RES3E = 20 to 49 Units
[ ] RES3F = > 50 Units
[ ] RES4 = Temporary Lodging
[ ] RES5 = Institutional Dormitories
[ ] RES6 = Nursing Homes

Definitions:

Essential Facility
An essential facility is a critical facility that is essential to the health and welfare of the population. The potential consequences of losing functions or services from this type of facility are higher than any other type of structures. Interruption or loss of function from these types of facilities would jeopardize human life and public safety. Essential facilities include: hospitals and other medical facilities, police and fire stations, emergency operations centers, evacuation shelters and schools, and other structures that house first responder equipment or personnel.

Transportation Systems
Transportation infrastructure or facilities. Examples include:
Airways: airports, heliports,
Highways: bridges, tunnels, roadbeds, overpasses, transfer stations.
Railways: tracks, tunnels, bridges, rail yards, depots, switching stations.
Waterways: canals, locks, ports, ferries, dry-docks, piers.

Lifeline System
Corridors of flow for equipment, supplies and services. Transportation systems can also be Lifeline Systems. The best physical example of a lifeline would be a bridge and right-of-way that could include utilities and communication. Examples include: potable water, wastewater, oil, natural gas, electric power, and communication.

High Potential Loss Facility
Facilities that would have a high human loss associated with their damage or failure. Examples include: nuclear power plants, dams and military installations.

Hazardous Materials Facility
Facilities that produce or house industrial/hazardous materials, such as corrosives, explosives, flammable materials, radioactive materials, and toxins. Check to see if your county has a Local Emergency Planning Committee (LEPC) and an existing Hazardous Material listing.

Important Facility
These types of facilities are vital for overall day to day community functions, and ensure full recovery in the wake of a hazard or disaster event. Examples include: government buildings and functions, major employers in the area, bank and financial institutions, non-nuclear power generators, certain commercial establishments such as grocery stores, hardware stores and gas stations, technical schools, colleges, and universities.

Vulnerable Population
Is there a vulnerable human population that occupies the structure that would need special assistance, medical care or other actions before, during or after a hazard event or disaster? Examples include: elderly people, jail populations, people with mental, physical or mobility problems, and non-English speaking populations.

Economic Assets
Larger economic assets that are vital to the prosperity of the community. Examples include major employers and financial centers in your community or area that impact the local or regional economy if significantly disrupted.

Special Considerations
High-density areas (residential or commercial development), if damaged or impacted in a hazard event or disaster, could result in high death tolls or injury rates. Examples include: larger factories or industries, large vertical apartment or housing complexes.

Historic Considerations
Historic, cultural or natural resources, including structures and areas that are identified and protected under state or federal law. Examples include: state parks, federal parks, museums and historic districts.

Other Facilities
Any other significant locally identified facility that does not fit into another category of those listed above.

Comments:

EXHIBIT "H"

Date: _____

XYZ County PDM Progress Payment Request

Instructions: All requests for progress payments must be supported by documentation supporting actual expenditures. Itemize each expenditure below to the fullest detail possible, including a reference to specific sites or elements of work. Attach documentation that supports this progress payment request, such as copies of bills of sale, invoices, receipts, and canceled checks evidencing payment. Do not send originals. As project administrative costs are calculated on a sliding scale, do not include this in your request for payment. Attach a continuation sheet if necessary.

AGREEMENT NUMBER_____ FEMA Project Number_____

SUBGRANTEE NAME: XYZ County_____ (FIPs code) ID. Number:_____

Site Reference or Element of Work	Approved Amount	Previous Payment	Current Request	Description of Documentation Attached in Support of this Payment Request

(from continuation sheet attached) **SUBTOTAL**	
TOTAL	
Less Subgrantee Share (25%) or 15% if State match is applicable)	
Less State Share if applicable (10%)	
NET AMOUNT REQUESTED	

Under penalty of perjury, I certify that to the best of my knowledge and belief the data above are correct and that all outlays were made in accordance with the grant conditions or other agreement, comply with procurement regulations contained within the 44 CFR, Part 13, and that payment is due and has not been previously requested. I am familiar with Section 317 of Public Law 93-288, as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act. I understand that any part of this payment request that is not supported by cost documents and/or expended within the scope of the approved project will be refunded to the State of Georgia within 30 days of receiving the deobligation notice.

_____

Signature of Subgrantee's Authorized Representative (and printed name)

Georgia Emergency Management Agency
Labor Expense Summary

1. APPLICANT	2. Disaster Number	3. Period Covering	Page Of
4. Purpose/Work Performed		5. Program	

STAFF		DATES AND HOURS WORKED								COSTS		
		DATE								TOTAL HOURS	HOURLY RATE	TOTAL COSTS
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0		$ -
NAME	TITLE	Hours								0		$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
NAME	TITLE	Hours								0	$ -	$ -
											Total Cost for Labor Time	$ -

I CERTIFY THAT THE ABOVE INFORMATION WAS OBTAINED FROM PAYROLL RECORDS, INVOICES OR OTHER DOCUMENTS THAT ARE AVAILABLE FOR AUDIT.

I CERTIFY THAT THE ABOVE COSTS ARE NOT BEING USED FOR LOCAL MATCH FOR ANOTHER FEDERAL GRANT.

Signature	TITLE	DATE