

# SECTION 6

## VULNERABILITY ASSESSMENT

This section identifies and quantifies the vulnerability of the MEMA District 9 Region to the significant hazards identified in the previous sections (*Hazard Identification and Profiles*). It consists of the following subsections:

- ☐ 6.1 Overview
- ☐ 6.2 Methodology
- ☐ 6.3 Explanation of Data Sources
- ☐ 6.4 Asset Inventory
- ☐ 6.5 Vulnerability Assessment Results
- ☐ 6.6 Conclusions on Hazard Vulnerability

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### 44 CFR Requirement

44 CFR Part 201.6(c)(2)(ii): The risk assessment shall include a description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. The description shall include an overall summary of each hazard and its impact on the community. The plan should describe vulnerability in terms of: (A) The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas; (B) An estimate of the potential losses to vulnerable structures identified in paragraph (c)(2)(ii)(A) of this section and a description of the methodology used to prepare the estimate; (C) Providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

### 6.1 OVERVIEW

This section builds upon the information provided in Section 4: *Hazard Identification* and Section 5: *Hazard Profiles* by identifying and characterizing an inventory of assets in the MEMA District 9 Region. In addition, the potential impact and expected amount of damages caused to these assets by each identified hazard event is assessed. The primary objective of the vulnerability assessment is to quantify exposure and the potential loss estimates for each hazard. In doing so, the MEMA District 9 counties and their participating jurisdictions may better understand their unique risks to identified hazards and be better prepared to evaluate and prioritize specific hazard mitigation actions.

This section begins with an explanation of the methodology applied to complete the vulnerability assessment, followed by a summary description of the asset inventory as compiled for the MEMA District 9 Region. The remainder of this section focuses on the results of the assessment conducted.

### 6.2 METHODOLOGY

This vulnerability assessment was conducted using three distinct methodologies: (1) A stochastic risk assessment; (2) a geographic information system (GIS)-based analysis; and (3) a risk modeling software analysis. Each approach provides estimates for the potential impact of hazards by using a common, systematic framework for evaluation, including historical occurrence information provided in the *Hazard*

*Identification* and *Analysis* sections. A brief description of the three different approaches is provided on the following pages.

### **6.2.1 Stochastic Risk Assessment**

The stochastic risk assessment methodology was applied to analyze hazards of concern that were outside the scope of hazard risk models and the GIS-based risk assessment. This includes hazards that do not have geographically-definable boundaries and are therefore excluded from spatial analysis through GIS. A stochastic risk methodology was used for the following hazards:

- ☐ Erosion
- ☐ Drought
- ☐ Lightning
- ☐ Extreme Cold
- ☐ Extreme Heat
- ☐ Hailstorm
- ☐ Severe Thunderstorm/High Wind
- ☐ Tornado
- ☐ Winter Weather
- ☐ Infectious Disease

Many of the hazards listed above are considered atmospheric and thus have the potential to affect all buildings and all populations. For many of the hazards listed above, no additional analysis was performed due to an inability to differentiate particular buildings or populations that would be more vulnerable to that particular hazard. When possible, annualized loss estimates for these hazards were determined using the best available data on historical losses from sources including NOAA's National Climatic Data Center records, previous MEMA District 9 county-level hazard mitigation plans, and local knowledge. Annualized loss is the estimated long-term weighted average value of losses to property in any single year in a specified geographic area (i.e., municipal jurisdiction or county). Annualized loss estimates were generated by totaling the amount of property damage over the period of time for which records were available, and calculating the average annual loss. Given the standard weighting analysis, losses can be readily compared across hazards providing an objective approach for evaluating mitigation alternatives.

For the erosion, drought, extreme cold, extreme heat, and infectious disease hazards no data with historical property damages was available. Therefore, annualized potential losses for these hazards are presumed to be negligible. All of the above hazards have the potential to impact the entire MEMA District 9 Region and generally cannot be well-defined geographically in terms of their impact areas. The results for these hazards are found near the end of this section in **Table 6.17**.

### **6.2.2 GIS-Based Analysis**

Other hazards have specified geographic boundaries that permit additional using Geographic Information Systems (GIS). These hazards include:

- ☐ Dam and Levee Failure
- ☐ Flood

- ☐ Wildfire
- ☐ Climate Change/Sea Level Rise
- ☐ Hazardous Material Incident/Train Derailment

The objective of the GIS-based analysis was to determine the estimated vulnerability of critical facilities and populations for the identified hazards in the MEMA District 9 Region using best available geospatial data. Digital data was collected from local, regional, state, and national sources for hazards and buildings. Jurisdictions in the MEMA District 9 Region generally had readily available geospatial parcel or building footprint data. Despite the availability of this data for most communities, others lacked this detailed data. In these cases, the RHMC wanted to have some estimate of potential building and dollar losses, so Census block data was extracted from Hazus MH 3.2 that included building counts and estimated dollar values of property in the region. Additionally, geo-referenced point locations for identified assets (critical facilities and infrastructure, special populations, etc.) were identified from previous plans and updated by local officials. This information was used in the vulnerability analysis by overlaying spatial hazard risk data in ESRI® ArcGIS™ 10.3.1 to assess hazard vulnerability in terms of the local building data and critical assets described above.

Using these data layers, hazard vulnerability can be quantified by estimating the number and dollar value of buildings determined to be located in identified hazard areas. To estimate vulnerable populations in hazard areas, digital Census 2010 data by census tract was obtained. This was intersected with hazard areas to determine exposed. The results of the analysis provided an estimate of the amount of property and critical facilities determined to be potentially at risk to those hazards with delineable geographic hazard boundaries.

### 6.2.3 Risk Modeling Software Analysis

A risk modeling software was used for the following hazards:

- ☐ Earthquake
- ☐ Hurricane and Tropical Storm
- ☐ Storm Surge

There are several models that exist to model hazard risk. Hazus-MH was used in this vulnerability assessment to address the aforementioned hazards.

#### **HAZUS-MH**

Hazus-MH (“Hazus”) is a standardized loss estimation software program developed by FEMA. It is built upon an integrated GIS platform to conduct analysis at a regional level (i.e., not on a structure-by-structure basis). The Hazus risk assessment methodology is parametric, in that distinct hazard and inventory parameters (e.g., wind speed and building types) can be modeled using the software to determine the impact (i.e., damages and losses) on the built environment.

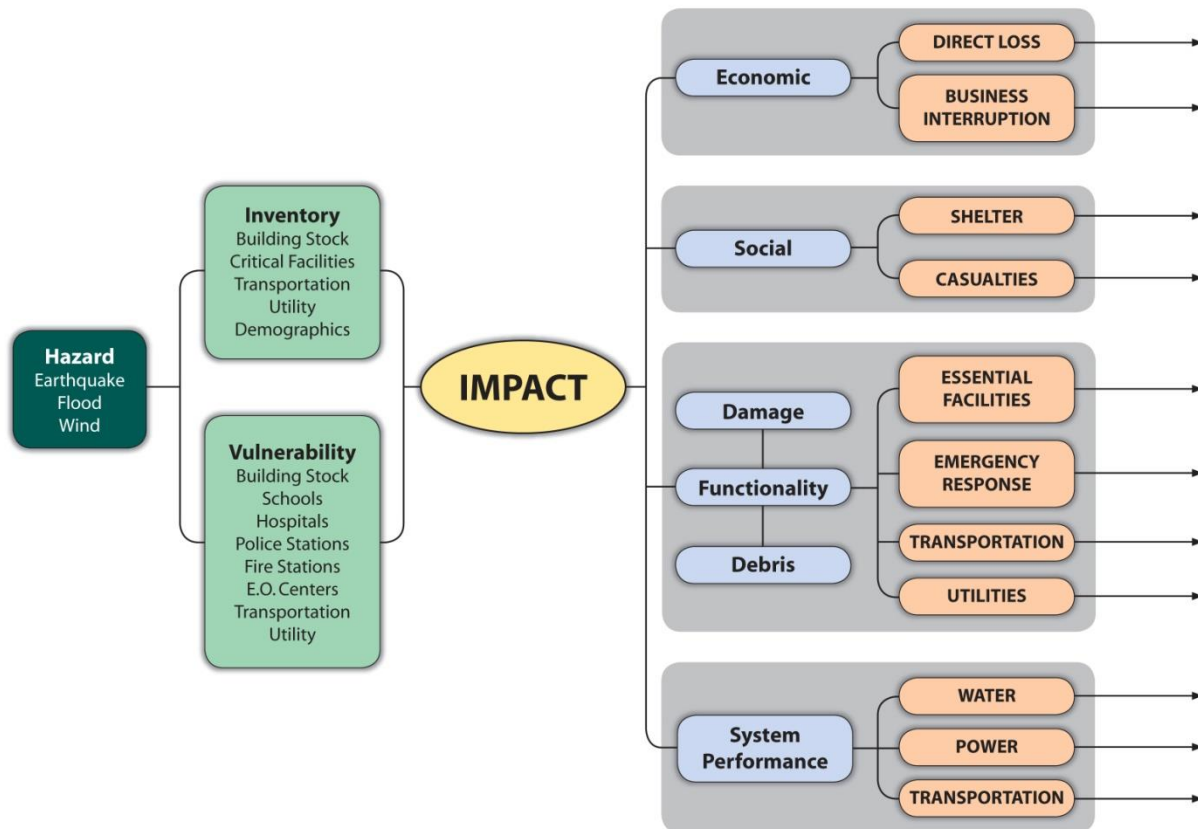
The MEMA District 9 Regional Risk Assessment utilized Hazus-MH to produce hazard damage loss estimations for hazards for the planning area. At the time this analysis was completed, Hazus-MH 3.2



was used to estimate potential damages from the hurricane winds, storm surge, and earthquake hazards using Hazus-MH methodology. Although the program can also model losses for flood, it was not used in this Risk Assessment due to availability of flood map data.

Figure 6.1 illustrates the conceptual model of the Hazus-MH methodology.

**FIGURE 6.1: CONCEPTUAL MODEL OF HAZUS-MH METHODOLOGY**



Hazus-MH is capable of providing a variety of loss estimation results. In order to be consistent with other hazard assessments, annualized losses are presented when possible. Some additional results based on location-specific scenarios may also be presented to provide a complete picture of hazard vulnerability.

Loss estimates provided in this vulnerability assessment are based on best available data and methodologies. The results are an approximation of risk. These estimates should be used to understand relative risk from hazards and potential losses. Uncertainties are inherent in any loss estimation methodology, arising in part from incomplete scientific knowledge concerning natural hazards and their effects on the built environment. Uncertainties also result from approximations and simplifications that are necessary for a comprehensive analysis (e.g., incomplete inventories, non-specific locations, demographics, or economic parameters).

All conclusions are presented in “Conclusions on Hazard Vulnerability” at the end of this section.

## **6.3 EXPLANATION OF DATA SOURCES**

### ***FLOOD***

FEMA Digital Flood Rate Insurance Maps (DFIRM) flood data was used to determine flood vulnerability. DFIRM data can be used in ArcGIS for mapping purposes, and they identify several features including floodplain boundaries and, in many cases, base flood elevations. Identified areas on the DFIRM represent some features of a Flood Insurance Rate Map including the 100-year flood areas (1.0-percent annual chance flood), the 500-year flood areas (0.2-percent annual chance flood). For the vulnerability assessment, local improved property data and critical facilities were overlaid on the 1.0-percent annual chance floodplains (ACF), 0.2-percent annual chance floodplains, and coastal VE zones for counties. It should be noted that such an analysis does not account for building elevation.

### ***WILDFIRE***

The data used to determine vulnerability to wildfire in the MEMA District 9 Region is based on GIS data called the Southern Wildfire Risk Assessment (SWRA). This data is available on the Southern Wildfire Risk Assessment website and can be downloaded and imported into ArcGIS. A specific layer, known as “Wildland Urban Interface Risk Index” (WUIRI) was used to determine vulnerability of people and property. The WUIRI is presented on a scale of 0 to -9. It combines data on housing density with the data on the impact and likelihood of a wildfire occurring in a specific area. The primary purpose of the data is to highlight areas of concern that may be conducive to wildfire impacting property. Due to assumptions made, it is not true probability. However, it does provide a comparison of risk throughout the region.

### ***EARTHQUAKE***

Hazus-MH 3.2 (as described above) was used to assess earthquake vulnerability. A level 1, probabilistic scenario to estimate average annualized loss was utilized. In this scenario, several return periods (events of varying intensities) are run to determine annualized loss. Default Hazus earthquake damage functions and methodology were used to determine the probability of damage. Results are calculated at the 2010 U.S. Census tract level in Hazus and presented at the county level.

### ***HURRICANE AND TROPICAL STORM WIND***

Hazus-MH 3.2 (as described above) was used to assess wind vulnerability. For the hurricane wind analysis, a probabilistic scenario was created to estimate the annualized loss damage in the MEMA District 9 Region. Default Hazus wind speed data, damage functions, and methodology were used in to determine the probability of damage for 100-, 500-, and 1,000-year frequency events (also known as a return period) in the scenario. Results are calculated in Hazus at the 2010 U.S. Census tract level and presented at the county level.

### ***STORM SURGE***

Hazus-MH 3.2 also allows for the modeling of impacts from storm surge on coastal communities along the Atlantic and Gulf Coasts. However, it should be noted that the storm surge model can only be run

with a historic hurricane track model and cannot be run with the annualized loss tool. Therefore, the dollar damage estimates from storm surge modeling will not be consistent with estimates for other hazards (which are presented in terms of annualized loss). Additionally, losses from storm surge are presented by the model at an aggregate level with all other losses that are estimated for the historic event. That is to say, losses are a combination of hurricane winds and storm surge losses and could not be separated into how those losses were caused.

### ***HAZARDOUS MATERIALS INCIDENT/TRAIN DERAILMENT***

For the fixed hazardous materials incident analysis, Toxic Release Inventory (TRI) data was used. The Toxics Release Inventory is a publicly available database from the federal Environmental Protection Agency (EPA) that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990. Each year, facilities that meet certain activity thresholds must report their releases and other waste management activities for listed toxic chemicals to EPA and to their state or tribal entity. A facility must report if it meets the following three criteria:

- ☐ The facility falls within one of the following industrial categories: manufacturing; metal mining; coal mining; electric generating facilities that combust coal and/or oil; chemical wholesale distributors; petroleum terminals and bulk storage facilities; RCRA Subtitle C treatment, storage, and disposal (TSD) facilities; and solvent recovery services;
- ☐ Has 10 or more full-time employee equivalents; and
- ☐ Manufactures or processes more than 25,000 pounds or otherwise uses more than 10,000 pounds of any listed chemical during the calendar year. Persistent, bioaccumulative, and toxic (PBT) chemicals are subject to different thresholds of 10 pounds, 100 pounds, or 0.1 grams depending on the chemical.

For the mobile hazardous materials incident analysis, transportation data including major highways and railroads were obtained from the Federal Highway Administration's National Highway Planning Network and the United States Department of Transportation's Federal Railroad Administration, respectively. This data is ArcGIS compatible, lending itself to buffer analysis to determine risk.

### ***DAM/LEVEE FAILURE***

Dam inundation data was available in GIS format for several of the major dams in the region from the Mississippi Department of Environmental Quality. Although not all high hazard dams have inundation mapping, several of the major dams in the region are included in this data. With that in mind, analysis with this data should not be considered inclusive of every critical facility or structure that may be at risk to a dam or levee failure as the data is far from being complete.

### ***CLIMATE CHANGE/SEA LEVEL RISE***

The National Oceanic and Atmospheric Administration has produced sea level rise data that is available for download and which can be used for planning purposes to determine the inundation of areas along the coast based on various levels of sea level rise. These different scenarios can be used to visualize community-level impacts from coastal flooding or sea level rise (up to 6 feet above average high tides).



## 6.4 ASSET INVENTORY

An inventory of geo-referenced assets within the MEMA District 9 counties and jurisdictions was compiled in order to identify and characterize those properties potentially at risk to the identified hazards.<sup>1</sup> By understanding the type and number of assets that exist and where they are located in relation to known hazard areas, the relative risk and vulnerability for such assets can be assessed. Under this assessment, two categories of physical assets were created and then further assessed through GIS analysis. Additionally, social assets are addressed to determine population at risk to the identified hazards. These are presented below in Section 6.4.1.

### 6.4.1 Physical and Improved Assets

The two categories of physical assets consist of:

1. Improved Property: Includes all improved properties in the MEMA District 9 Region according to parcel and building footprint data provided by the Mississippi Department of Environmental Quality through the Mississippi Digital Earth Model. The information has been expressed in terms of the number of parcels and total improved value that may be exposed to the identified hazards.

However, it should be noted that parcel data was not available for George County. As a result, parcel counts and improved values at the Census Block level were pulled from Hazus 3.2 to estimate exposure in George County. Similarly, although parcel data was available in Pearl River County, it did not include improvement values for the parcels, so Census Block level dollar values were used to estimate exposure in Pearl River County. Further, it should be noted that these estimates often over-estimate the dollar value of properties.

In addition, building footprint data was available for all of the counties and it was used to improve the overall assessment by providing a more accurate assessment of how many buildings are located in hazard areas. However, it should be noted that building footprint data has not been updated since 2007 and the parcel data has not been updated since 2009, so these datasets likely underestimate current building counts/parcel data.

2. Critical Facilities: Critical facilities vary by jurisdiction. For this Vulnerability Assessment, identified facilities from past plans were updated by local governments including fire stations, police stations, medical care facilities, schools, and emergency operation centers. It should be noted that this listing is not necessarily all-inclusive for assets located in the region, but it is anticipated that it will be expanded during future plan updates as more geo-referenced data becomes available for use in GIS analysis.

The following tables provide a detailed listing of the geo-referenced assets that have been identified for inclusion in the vulnerability assessment for the MEMA District 9 Region.

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<sup>1</sup> While potentially not all-inclusive for MEMA District 9, “georeferenced” assets include those assets for which specific location data is readily available for connecting the asset to a specific geographic location for purposes of GIS analysis.

**Table 6.1** lists the estimated number of buildings, parcels, and the total value of improvements for participating areas of the MEMA District 9 Region (study area of vulnerability assessment). Because digital parcel data was not available for every community, data obtained from Hazus-MH 3.2 inventory was utilized to supplement the analysis where gaps existed.

**TABLE 6.1: IMPROVED PROPERTY IN THE MEMA DISTRICT 9 REGION**

Location	Counts of Buildings	Counts of Parcels	Total Value of Improvements
<b>George County*</b>	<b>10,321</b>	<b>--</b>	<b>\$1,799,918,000</b>
Lucedale	1,538	--	\$335,976,000
Unincorporated Area	8,783	--	\$1,463,942,000
<b>Hancock County</b>	<b>41,036</b>	<b>52,302</b>	<b>\$991,751,035</b>
Bay St. Louis	5,699	5,313	\$128,600,369
Diamondhead	4,682	7,368	\$389,782,736
Waveland	4,707	5,443	\$94,730,326
Unincorporated Area	41,573	34,178	\$378,637,604
<b>Harrison County</b>	<b>123,848</b>	<b>96,568</b>	<b>\$6,470,813,817</b>
Biloxi	23,001	16,807	\$1,542,665,202
D'Iberville	4,751	3,122	\$234,845,437
Gulfport	41,641	32,328	\$397,918,520
Long Beach	9,188	7,175	\$464,548,692
Pass Christian	3,694	6,224	\$183,434,546
Unincorporated Area	41,573	30,912	\$3,647,401,420
<b>Jackson County</b>	<b>100,298</b>	<b>80,635</b>	<b>\$4,993,387,650</b>
Gautier	7,194	5,573	\$397,918,520
Moss Point	10,825	8,690	\$405,337,190
Ocean Springs	10,325	8,072	\$905,620,110
Pascagoula	14,967	9,886	\$852,583,870
Unincorporated Area	56,987	48,414	\$2,431,927,960
<b>Pearl River County†</b>	<b>50,721</b>	<b>44,125</b>	<b>\$4,750,724,000</b>
Picayune	7,020	6,411	\$1,406,763,000
Poplarville	1,964	1,538	\$344,167,000
Unincorporated Area	41,737	36,176	\$2,999,794,000
<b>Stone County</b>	<b>15,770</b>	<b>13,235</b>	<b>\$419,179,006</b>
Wiggins	3,187	2,416	\$132,113,728
Unincorporated Area	12,583	10,819	\$287,065,278
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>341,994</b>	<b>286,865</b>	<b>\$19,425,773,508</b>

\*Parcel counts and improvement values for George County are based on Hazus 3.2 estimates at the Census Block level

†Improvement values for Pearl River County are based on Hazus 3.2 estimates at the Census Block level

Source: MDEQ, Hazus-MH 3.2

**Table 6.2** lists the critical facilities located in the MEMA District 9 Region by type according to data provided by local government officials.

In addition, **Figure 6.2** shows the locations of critical facilities in the MEMA District 9 Region. **Table 6.14**, at the end of this section, shows a complete list of the critical facilities by name, as well as the hazards



that affect each facility. As noted previously, this list is not all-inclusive and only includes readily available information. Further, it should be noted that the table below may show that some counties or communities do not have any critical facilities of in certain type, when in reality, that particular type of facility may actually be located within the community. This may occur because spatial data for that facility type was not available or because the facility may have been classified under a different category type for that particular community.

**TABLE 6.2: CRITICAL FACILITY INVENTORY IN THE MEMA DISTRICT 9 REGION**

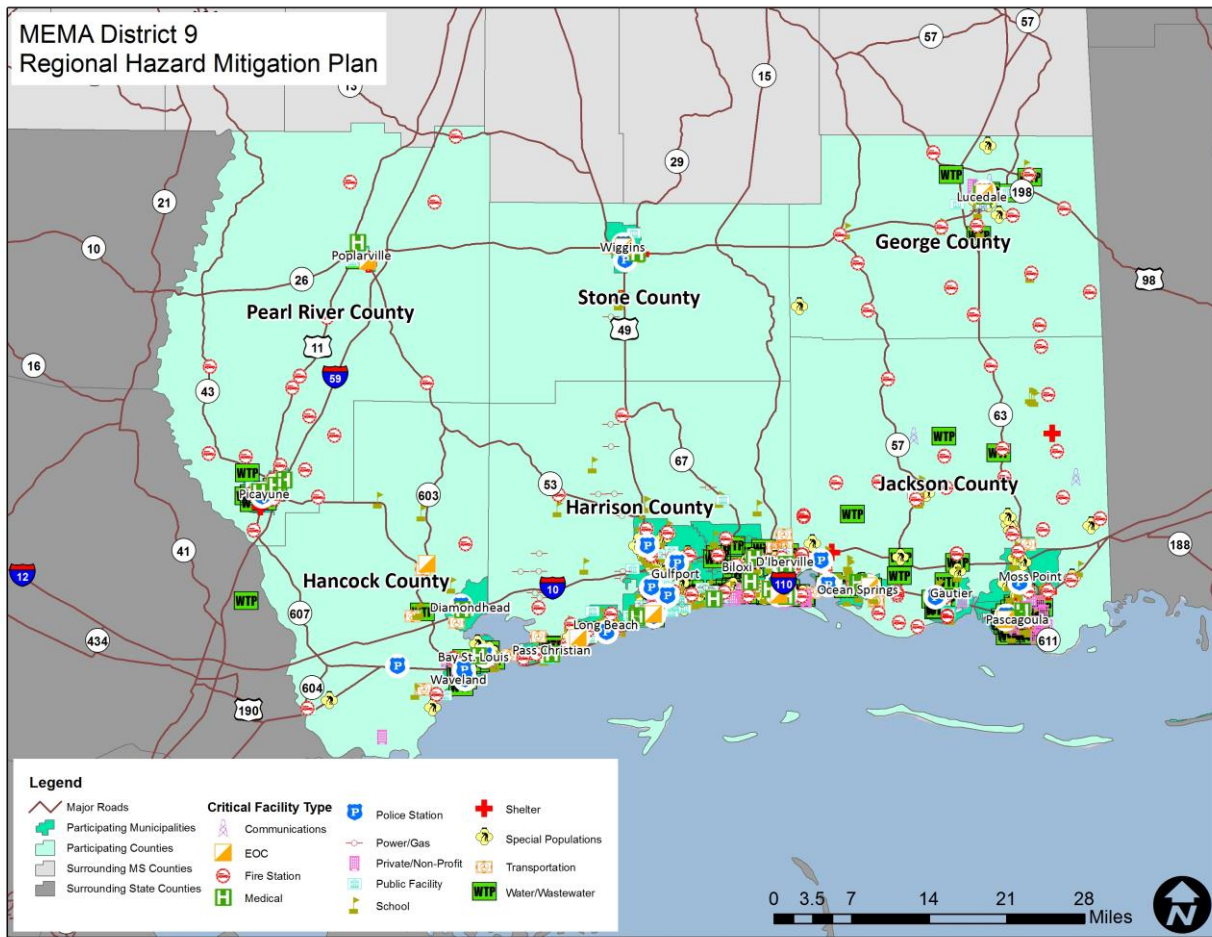
Location	Communications	EOC	Fire Stations	Medical	Police Station	Power/ Gas	Private/Non-Profit
<b>George County</b>	<b>2</b>	<b>1</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>
Lucedale	0	0	1	0	1	0	0
Unincorporated Area	2	1	14	2	0	2	1
<b>Hancock County</b>	<b>4</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>3</b>
Bay St. Louis	2	0	2	0	1	1	0
Diamondhead	0	0	1	0	1	0	0
Waveland	0	0	2	0	2	0	1
Unincorporated Area	2	1	3	3	2	2	2
<b>Harrison County</b>	<b>4</b>	<b>3</b>	<b>32</b>	<b>13</b>	<b>17</b>	<b>92</b>	<b>29</b>
Biloxi	3	1	9	6	3	1	24
D'Iberville	1	0	1	2	1	3	0
Gulfport	0	0	12	4	11	1	5
Long Beach	0	0	3	0	1	0	0
Pass Christian	0	1	2	1	1	0	0
Unincorporated Area	0	1	5	0	0	87	0
<b>Jackson County</b>	<b>5</b>	<b>3</b>	<b>45</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>20</b>
Gautier	0	0	3	0	1	0	0
Moss Point	0	0	4	0	1	0	0
Ocean Springs	0	1	4	2	3	0	2
Pascagoula	1	1	3	2	2	1	17
Unincorporated Area	4	1	31	0	1	0	1
<b>Pearl River County</b>	<b>5</b>	<b>1</b>	<b>29</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>
Picayune	1	0	8	3	2	0	0
Poplarville	4	1	11	1	1	0	0
Unincorporated Area	0	0	10	0	0	0	0
<b>Stone County</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>
Wiggins	1	1	0	0	1	0	0
Unincorporated Area	0	0	1	1	1	3	0
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>21</b>	<b>10</b>	<b>130</b>	<b>27</b>	<b>37</b>	<b>101</b>	<b>53</b>

Source: Local Governments

**TABLE 6.2: CRITICAL FACILITY INVENTORY IN THE MEMA DISTRICT 9 REGION (CONT.)**

<b>Location</b>	<b>Public Facility</b>	<b>School</b>	<b>Shelter</b>	<b>Special Populations</b>	<b>Transportation</b>	<b>Water/Wastewater</b>
<b>George County</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>
Lucedale	1	0	0	0	0	1
Unincorporated Area	7	9	0	5	0	4
<b>Hancock County</b>	<b>22</b>	<b>18</b>	<b>1</b>	<b>8</b>	<b>12</b>	<b>16</b>
Bay St. Louis	3	3	0	1	1	4
Diamondhead	3	0	0	0	0	0
Waveland	6	0	0	0	0	5
Unincorporated Area	10	15	1	7	11	7
<b>Harrison County</b>	<b>75</b>	<b>68</b>	<b>3</b>	<b>69</b>	<b>26</b>	<b>42</b>
Biloxi	18	9	0	13	2	28
D'Iberville	14	4	0	2	20	4
Gulfport	35	28	3	51	0	4
Long Beach	4	5	0	1	0	3
Pass Christian	3	3	0	2	3	3
Unincorporated Area	1	19	0	0	1	0
<b>Jackson County</b>	<b>50</b>	<b>75</b>	<b>7</b>	<b>27</b>	<b>3</b>	<b>56</b>
Gautier	1	6	0	0	0	0
Moss Point	2	13	4	7	0	1
Ocean Springs	13	13	0	5	1	8
Pascagoula	6	24	0	5	0	33
Unincorporated Area	28	19	3	10	2	14
<b>Pearl River County</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>9</b>
Picayune	4	0	3	0	0	7
Poplarville	3	0	2	0	0	1
Unincorporated Area	1	0	0	0	1	1
<b>Stone County</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>
Wiggins	1	0	0	0	0	0
Unincorporated Area	6	5	4	0	2	0
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>170</b>	<b>175</b>	<b>20</b>	<b>109</b>	<b>44</b>	<b>128</b>

Source: Local Governments

**FIGURE 6.2: CRITICAL FACILITY LOCATIONS IN THE MEMA DISTRICT 9 REGION**

Source: Local Governments

### 6.4.2 Social Vulnerability

In addition to identifying those assets potentially at risk to identified hazards, it is important to identify and assess those particular segments of the resident population in the MEMA District 9 Region that are potentially at risk to these hazards.

**Table 6.3** lists the population by county according to American Community Survey 2015 population estimates. The total population in the MEMA District 9 Region according to Census data is 478,849 persons. Additional population estimates are presented in Section 3: *Community Profile*.

**TABLE 6.3: TOTAL POPULATION IN THE MEMA DISTRICT 9 REGION**

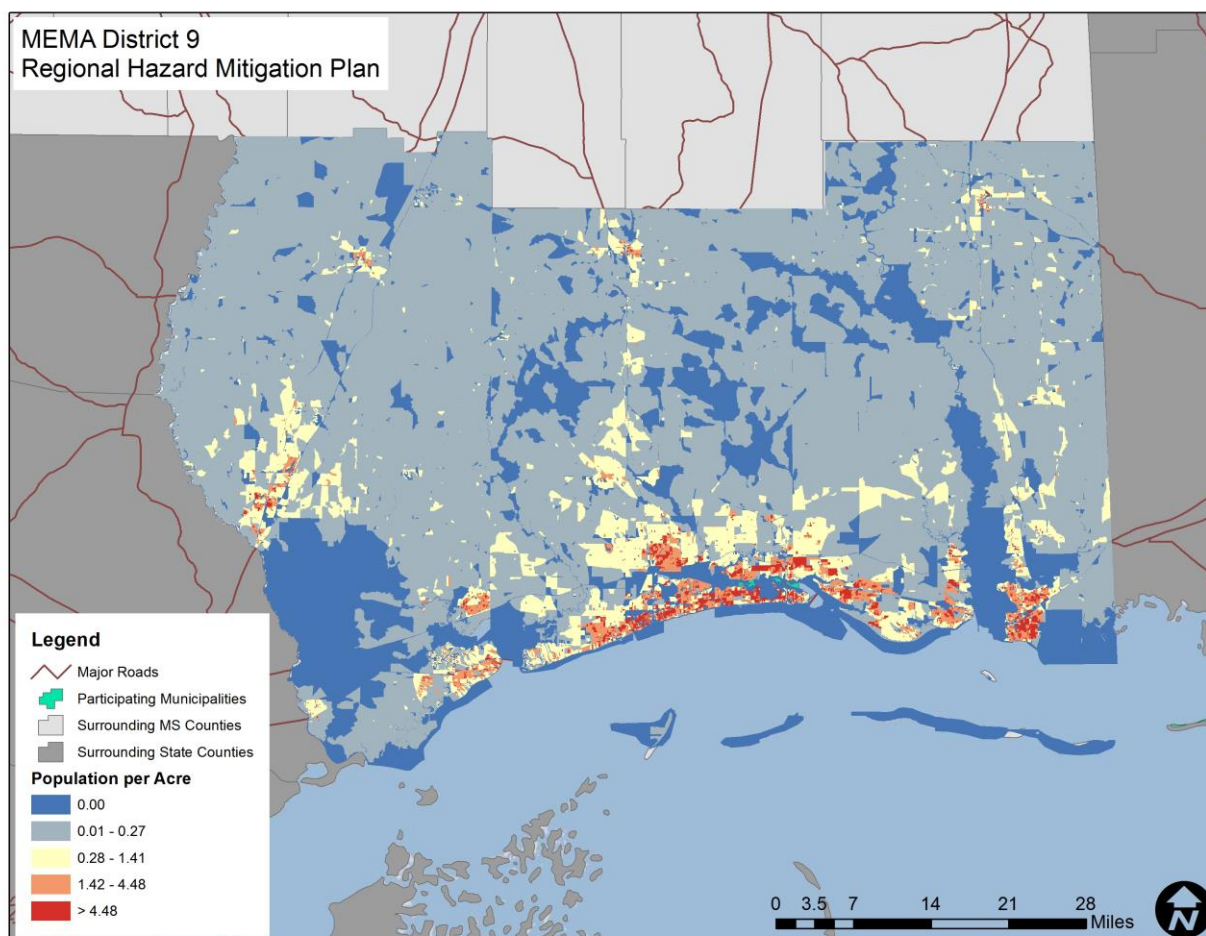
Location	Total 2015 Population
George County	23,104
Hancock County	45,627
Harrison County	196,268
Jackson County	140,676

Location	Total 2015 Population
Pearl River County	55,196
Stone County	17,978
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>478,849</b>

Source: United States Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

In addition, **Figure 6.3** illustrates the population density per acre by census block as it was reported by the U.S. Census Bureau in 2010. As can be seen in the figure, the population is spread out through most of the region, with heavy concentrations in coastal communities like Gulfport, Biloxi, and Pascagoula.

**FIGURE 6.3: POPULATION DENSITY IN THE MEMA DISTRICT 9 REGION**



Source: United States Census Bureau, 2010 Census

### 6.4.3 Development Trends and Changes in Vulnerability

Since the previous local-level hazard mitigation plans were approved, the MEMA District 9 Region has experienced moderate growth and development. **Table 6.4** shows the number of building units constructed since 2010 according to the U.S. Census American Community Survey.

**TABLE 6.4: BUILDING COUNTS FOR THE MEMA DISTRICT 9 REGION**

Location	2010	2011	2012	2013	2014	2015	% Building Stock Built Post-2010
<b>George County</b>	<b>9,073</b>	<b>9,215</b>	<b>9,273</b>	<b>9,298</b>	<b>9,342</b>	<b>9,355</b>	<b>3.1%</b>
Lucedale	1,174	1,264	1,250	1,236	1,126	1,113	-5.2%
Unincorporated Area	7,899	7,951	8,023	8,062	8,216	8,242	4.3%
<b>Hancock County</b>	<b>19,756</b>	<b>20,869</b>	<b>21,639</b>	<b>22,237</b>	<b>22,787</b>	<b>23,196</b>	<b>3.1%</b>
Bay St. Louis	5,171	5,511	5,860	5,741	5,868	6,373	23.2%
Diamondhead*	--	--	--	4,330	4,113	4,104	-5.2%
Waveland	3,349	3,311	3,195	3,270	3,306	3,007	-10.2%
Unincorporated Area	15,172	15,055	15,013	10,794	10,995	10,939	-27.9%
<b>Harrison County</b>	<b>80,275</b>	<b>83,011</b>	<b>85,048</b>	<b>86,438</b>	<b>87,824</b>	<b>88,821</b>	<b>10.6%</b>
Biloxi	21,250	21,675	22,094	21,871	21,537	21,506	1.2%
D'Iberville	3,548	3,814	4,051	4,370	4,620	4,836	36.3%
Gulfport	29,619	30,293	31,556	32,092	32,878	33,421	12.8%
Long Beach	6,504	6,755	6,740	6,734	6,696	6,628	1.9%
Pass Christian	2,299	2,549	2,448	2,642	2,698	2,744	19.4%
Unincorporated Area	17,055	17,925	18,159	18,729	19,395	19,686	15.4%
<b>Jackson County</b>	<b>57,995</b>	<b>59,216</b>	<b>59,811</b>	<b>60,237</b>	<b>60,649</b>	<b>60,889</b>	<b>5.0%</b>
Gautier	7,507	7,748	7,886	8,034	8,113	8,180	9.0%
Moss Point	6,305	6,488	6,555	6,435	6,505	6,476	2.7%
Ocean Springs	7,246	7,482	7,628	7,892	7,880	7,625	5.2%
Pascagoula	10,803	10,935	10,696	10,813	10,574	10,891	0.8%
Unincorporated Area	26,134	26,563	27,046	27,063	27,577	27,717	6.1%
<b>Pearl River County</b>	<b>23,692</b>	<b>23,877</b>	<b>24,068</b>	<b>24,135</b>	<b>24,282</b>	<b>24,423</b>	<b>3.1%</b>
Picayune	5,106	4,901	4,864	4,850	4,785	4,854	-4.9%
Poplarville	937	1,108	1,095	1,063	1,021	1,006	7.4%
Unincorporated Area	17,649	17,868	18,109	18,222	18,476	18,563	5.2%
<b>Stone County</b>	<b>6,881</b>	<b>7,048</b>	<b>7,087</b>	<b>7,144</b>	<b>7,192</b>	<b>7,216</b>	<b>4.9%</b>
Wiggins	1,437	1,660	1,460	1,439	1,459	1,513	5.3%
Unincorporated Area	5,444	5,388	5,627	5,705	5,733	5,703	4.8%
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>197,672</b>	<b>203,236</b>	<b>206,926</b>	<b>209,489</b>	<b>212,076</b>	<b>213,900</b>	<b>8.2%</b>

\*Diamondhead officially incorporated into a city in 2012, so the city's first housing estimate was not available until 2013. Percent change in population is calculated from 2013 to 2015.

Source: United States Census Bureau, American Community Survey

Table 6.5 shows population growth estimates for the region from 2010 to 2015 based on the American Community Survey's annual population estimates.

**TABLE 6.5: POPULATION GROWTH FOR THE MEMA DISTRICT 9 REGION**

Location	Population Estimates						% Change 2010-2015
	2010	2011	2012	2013	2014	2015	
<b>George County</b>	<b>22,061</b>	<b>22,361</b>	<b>22,579</b>	<b>22,757</b>	<b>22,960</b>	<b>23,104</b>	<b>4.7%</b>
Lucedale	2,934	2,936	2,943	2,959	2,978	2,993	2.0%

Location	Population Estimates						% Change 2010-2015
	2010	2011	2012	2013	2014	2015	
Unincorporated Area	19,127	19,425	19,636	19,798	19,982	20,111	5.1%
<b>Hancock County</b>	<b>42,408</b>	<b>43,322</b>	<b>44,044</b>	<b>44,597</b>	<b>45,136</b>	<b>45,627</b>	<b>7.6%</b>
Bay St. Louis	9,349	9,385	9,614	9,899	10,313	10,861	16.2%
Diamondhead*	--	--	--	8,777	8,275	8,246	-6.0%
Waveland	6,490	6,504	6,492	6,487	6,463	6,449	-0.6%
Unincorporated Area	26,569	27,433	27,938	19,434	20,085	20,071	-24.5%
<b>Harrison County</b>	<b>181,791</b>	<b>185,120</b>	<b>188,110</b>	<b>190,756</b>	<b>193,642</b>	<b>196,268</b>	<b>8.0%</b>
Biloxi	43,921	44,256	44,223	44,354	44,527	44,825	2.1%
D'Iberville	8,905	9,211	9,539	9,819	10,161	10,532	18.3%
Gulfport	66,286	67,322	68,158	69,004	69,913	70,462	6.3%
Long Beach	14,769	14,872	14,981	15,102	15,224	15,369	4.1%
Pass Christian	4,809	4,756	4,773	4,848	4,957	5,130	6.7%
Unincorporated Area	43,101	44,703	46,436	47,629	48,860	49,950	15.9%
<b>Jackson County</b>	<b>137,082</b>	<b>138,511</b>	<b>139,430</b>	<b>139,906</b>	<b>140,194</b>	<b>140,676</b>	<b>2.6%</b>
Gautier	18,088	18,344	18,502	18,539	18,581	18,563	2.6%
Moss Point	13,963	13,885	13,807	13,749	13,690	13,685	-2.0%
Ocean Springs	17,258	17,379	17,420	17,474	17,446	17,528	1.6%
Pascagoula	22,947	22,765	22,523	22,372	22,239	22,230	-3.1%
Unincorporated Area	64,826	66,138	67,178	67,772	68,238	68,670	5.9%
<b>Pearl River County</b>	<b>55,923</b>	<b>56,042</b>	<b>55,886</b>	<b>55,569</b>	<b>55,293</b>	<b>55,196</b>	<b>-1.3%</b>
Picayune	11,087	11,023	10,982	10,901	10,838	10,784	-2.7%
Poplarville	3,016	2,977	2,923	2,852	2,874	2,919	-3.2%
Unincorporated Area	41,820	42,042	41,981	41,816	41,581	41,493	-0.8%
<b>Stone County</b>	<b>16,923</b>	<b>17,294</b>	<b>17,657</b>	<b>17,854</b>	<b>17,941</b>	<b>17,978</b>	<b>6.2%</b>
Wiggins	4,281	4,237	4,399	4,446	4,463	4,487	4.8%
Unincorporated Area	12,642	13,057	13,258	13,408	13,478	13,491	6.7%
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>456,188</b>	<b>462,650</b>	<b>467,706</b>	<b>471,439</b>	<b>475,166</b>	<b>478,849</b>	<b>5.0%</b>

\*Diamondhead officially incorporated into a city in 2012, so the city's first population estimate was not available until 2013. Percent change in population is calculated from 2013 to 2015.

Source: United States Census Bureau, American Community Survey

Based on the data above, there has been a moderate rate of residential development and population growth in the region since 2010, and the majority of incorporated jurisdictions have experienced slight increases in population and housing development, resulting in an increased number of structures and people that are vulnerable to the potential impacts of the identified hazards. However, Diamondhead, Moss Point, Pascagoula, Picayune, and Poplarville have all experienced a slight decline in population since 2010 according to estimates. Additionally, there has been a slight decline in housing development since 2010 in Lucedale, Diamondhead, Waveland, and Picayune. Therefore, development and population growth have impacted the region's vulnerability since the previous local hazard mitigation plans were approved and there has been an increase in the overall vulnerability.

It is also important to note that as development increases in the future, greater populations and more structures and infrastructure will be exposed to potential hazards if development occurs in the floodplains or other identified areas of high risk.



## 6.5 VULNERABILITY ASSESSMENT RESULTS

As noted earlier, only hazards with a specific geographic boundary, available modeling tool, or sufficient historical data allow for further analysis in this section. All other hazards are assumed to impact the entire planning region (e.g., drought) or, due to lack of data, analysis would not lead to credible results (e.g., infectious disease). The total region exposure, and thus risk to these hazards, was presented in **Table 6.1**.

The hazards to be further analyzed in this section include: flood, wildfire, earthquake, hurricane and tropical storm winds and storm surge, hazardous materials incident, dam and levee failure, and sea level rise.

The annualized loss estimate for all hazards is presented near the end of this section in **Table 6.17**.

### 6.5.1 Flood

Historical evidence indicates that the MEMA District 9 Region is susceptible to flood events. A total of 168 flood events have been reported by the National Climatic Data Center resulting in around \$12.2 million (2016 dollars) in property damage as well as 1 fatality. On an annualized level, these damages amounted to \$787,125 for the MEMA District 9 Region.

In order to assess flood risk, a GIS-based analysis was used to estimate exposure to flood events using Digital Flood Insurance Rate Map (DFIRM) data in combination with improved property records for each of the MEMA District 9 Counties. The determination of value at-risk (exposure) was calculated using GIS analysis by summing the values for improved properties that were located within an identified floodplain.

In general, building footprint and parcel data were used in this analysis. However, in some communities, due to a lack of digital parcel data, it was determined that analysis using the inventory from Hazus-MH 3.2 would be used to supplement the building/parcel data. It should be noted that this data will merely be an estimation and may not reflect actual counts or values located in dam inundation areas. Indeed, in almost all cases, this data likely overestimates the amount of property in the identified risk zones.

**Table 6.6** shows the results of the analysis.

**TABLE 6.6: ESTIMATED EXPOSURE OF PARCELS TO THE FLOOD HAZARD**

Location	1.0-percent ACF		0.2-percent ACF		VE Zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	<b>6,339</b>	<b>\$1,033,054,000</b>	<b>88</b>	<b>\$16,456,000</b>	<b>0</b>	<b>\$0</b>
Lucedale	316	\$69,124,000	0	\$0	0	\$0
Unincorporated Area	6,023	\$963,930,000	88	\$16,456,000	0	\$0
<b>Hancock County</b>	<b>15,299</b>	<b>\$253,871,546</b>	<b>6,346</b>	<b>\$162,854,221</b>	<b>1,160</b>	<b>\$16,819,674</b>



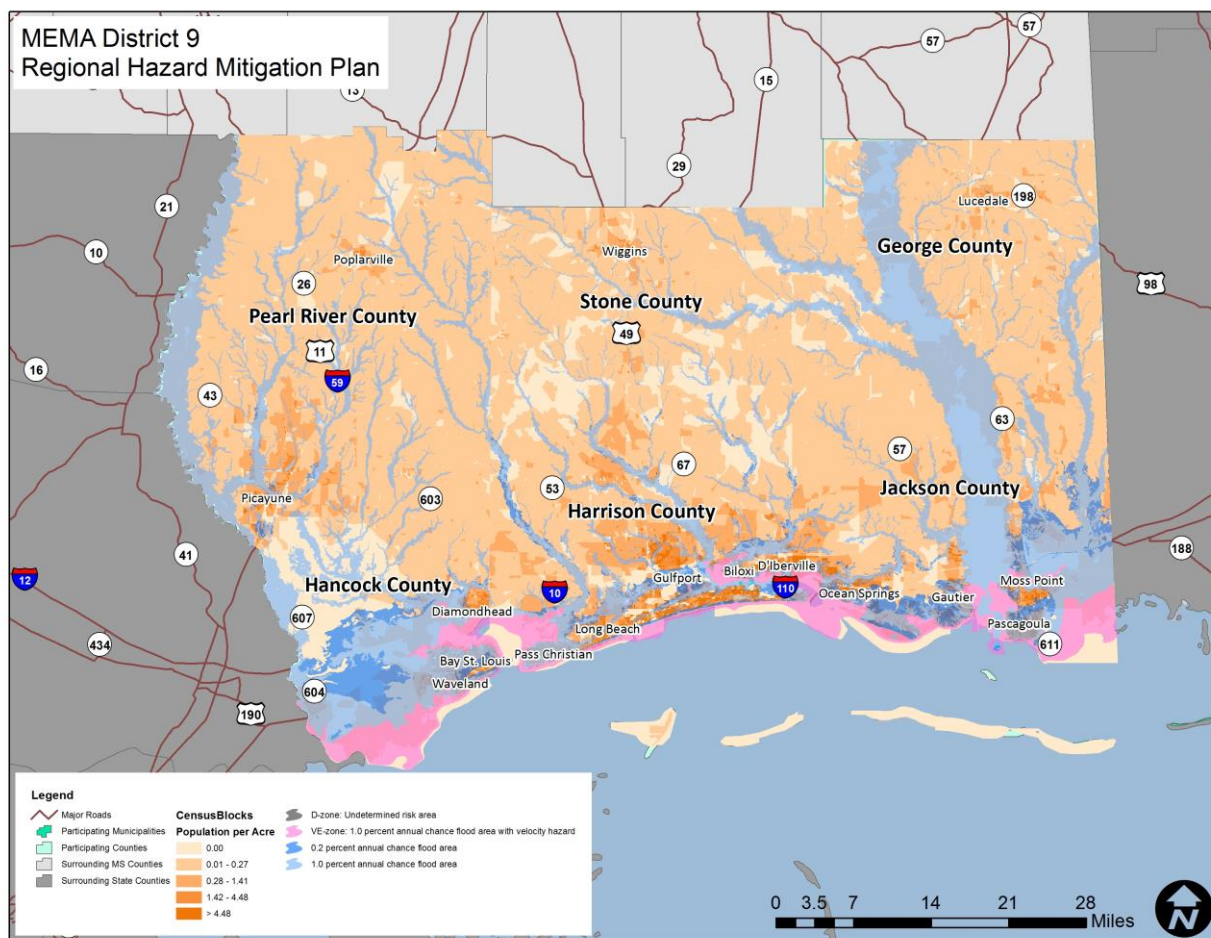
Location	1.0-percent ACF		0.2-percent ACF		VE Zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
Bay St. Louis	1,047	\$30,854,870	3,527	\$77,458,001	123	\$2,438,213
Diamondhead	676	\$47,769,318	410	\$36,591,925	39	\$1,809,468
Waveland	2,698	\$51,863,509	1,653	\$38,060,990	200	\$2,741,359
Unincorporated Area	10,878	\$123,383,849	756	\$10,743,305	798	\$9,830,634
<b>Harrison County</b>	<b>18,616</b>	<b>\$1,079,262,581</b>	<b>17,040</b>	<b>\$1,379,486,361</b>	<b>1,024</b>	<b>\$716,263,348</b>
Biloxi	6,417	\$365,510,696	4,539	\$407,939,146	222	\$116,507,908
D'Iberville	1,230	\$49,867,008	1,343	\$116,368,166	52	\$2,113,769
Gulfport	5,127	\$379,135,841	7,802	\$658,083,931	117	\$82,687,105
Long Beach	863	\$64,152,921	1,383	\$92,278,737	40	\$1,523,995
Pass Christian	2,534	\$108,363,854	452	\$22,954,189	199	\$13,772,487
Unincorporated Area	2,445	\$112,232,261	1,521	\$81,862,192	394	\$499,658,084
<b>Jackson County</b>	<b>29,696</b>	<b>\$1,529,616,550</b>	<b>24,391</b>	<b>\$1,765,432,520</b>	<b>1,033</b>	<b>\$84,580,080</b>
Gautier	2,316	\$118,332,200	4,728	\$281,124,330	84	\$7,279,640
Moss Point	3,119	\$130,471,550	2,572	\$132,822,500	55	\$5,563,840
Ocean Springs	1,226	\$154,955,040	5,987	\$571,123,770	94	\$12,202,880
Pascagoula	12,248	\$644,004,050	2,804	\$243,751,930	171	\$13,956,290
Unincorporated Area	10,787	\$481,853,710	8,300	\$536,609,990	629	\$45,577,430
<b>Pearl River County*</b>	<b>3,856</b>	<b>\$1,689,761,000</b>	<b>1,407</b>	<b>\$603,178,000</b>	<b>0</b>	<b>\$0</b>
Picayune	576	\$549,169,000	629	\$394,185,000	0	\$0
Poplarville	0	\$0	0	\$0	0	\$0
Unincorporated Area	3,280	\$1,140,592,000	778	\$208,993,000	0	\$0
<b>Stone County</b>	<b>211</b>	<b>\$4,120,088</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
Wiggins	12	\$873,286	0	\$0	0	\$0
Unincorporated Area	199	\$3,246,802	0	\$0	0	\$0
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>74,017</b>	<b>\$5,589,685,765</b>	<b>49,272</b>	<b>\$3,927,407,102</b>	<b>3,217</b>	<b>\$817,663,102</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

Source: Federal Emergency Management Agency DFIRM, MDEQ, Hazus MH 3.2 Data

## SOCIAL VULNERABILITY

Figure 6.4 is presented to gain a better understanding of at-risk population by evaluating census block level population data against mapped floodplains. There are areas of concern in several of the municipal population centers in this region including all of the coastal communities. Indeed, nearly every incorporated municipality is potentially at risk of being impacted by flooding in some areas of its jurisdiction. Therefore, there is significant population vulnerability to flooding.

**FIGURE 6.4 : POPULATION DENSITY NEAR FLOODPLAINS IN THE MEMA DISTRICT 9 REGION**

Source: Federal Emergency Management Agency DFIRM, United States Census 2010

## CRITICAL FACILITIES

The critical facility analysis revealed that there are 225 facilities located in one of the identified floodplain zones. (Please note, as previously indicated, this analysis does not consider building elevation, which may negate risk.) Of these facilities, 196 are located in the 1.0 percent annual chance flood zone, 205 are located in the 0.2 percent annual chance flood zone, and 24 are located in a VE-zone. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

In conclusion, a flood has the potential to impact many existing and future buildings, facilities, and populations in the MEMA District 9 Region, though some areas are at a higher risk than others. All types of structures in a floodplain are at-risk, though elevated structures will have a reduced risk. Such site-specific vulnerability determinations are outside the scope of this assessment but may be considered during future plan updates. Furthermore, areas subject to repetitive flooding should be analyzed for potential mitigation actions.

## 6.5.2 Wildfire

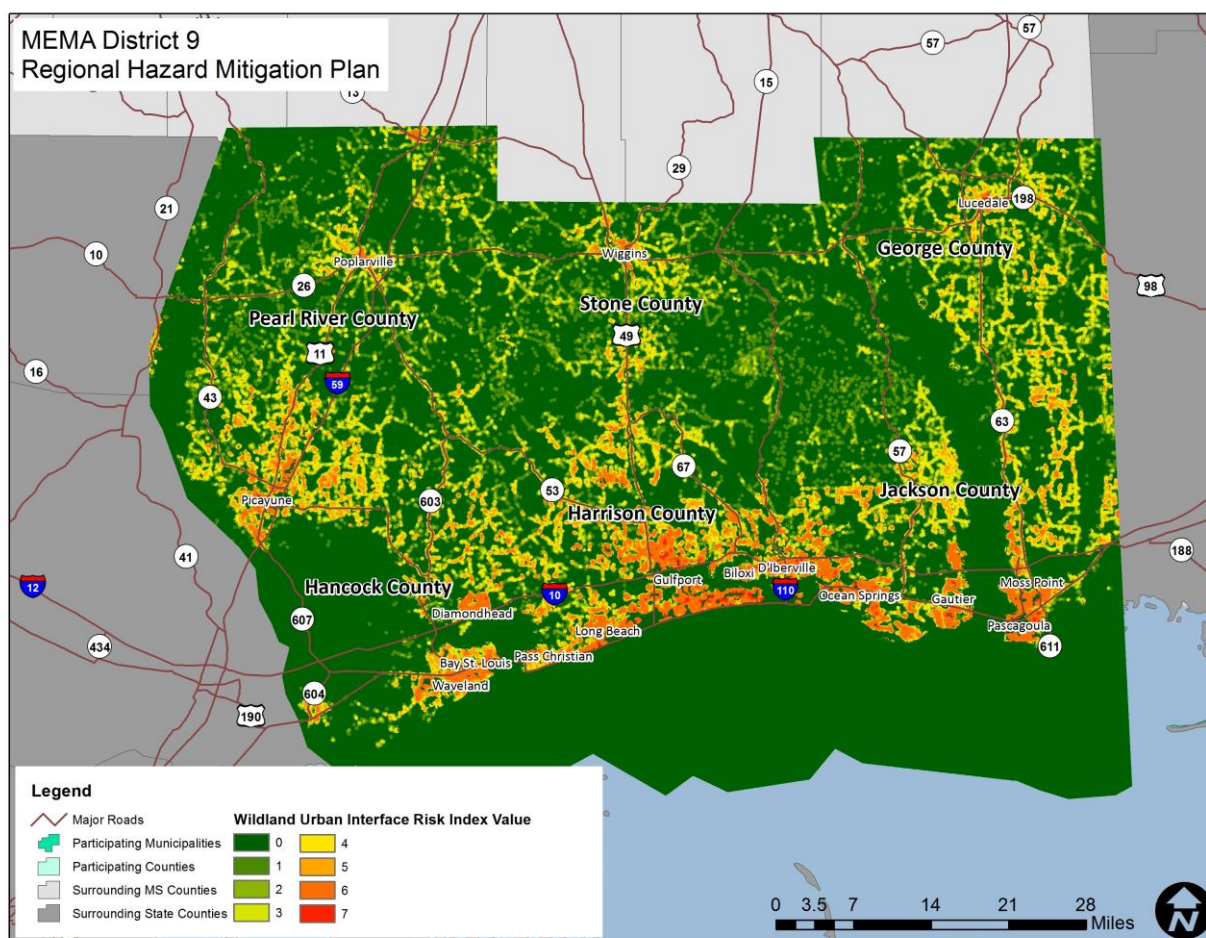
Although historical evidence indicates that the MEMA District 9 Region is susceptible to wildfire events, there are few reports which include information on historic dollar losses. Therefore, it is difficult to calculate a reliable annualized loss figure. Annualized loss is considered relatively low, though it should be noted that a single event could result in significant damages throughout the region.

In general, building footprint and parcel data were used in this analysis. However, in some communities, due to a lack of digital parcel data, it was determined that analysis using the inventory from Hazus-MH 3.2 would be used to supplement the building/parcel data. It should be noted that this data will merely be an estimation and may not reflect actual counts or values located in dam inundation areas. Indeed, in almost all cases, this data likely overestimates the amount of property in the identified risk zones. For the critical facility analysis, areas of concern were intersected with critical facility locations.

**Figure 6.5** shows the Wildland Urban Interface Risk Index (WUIRI) data, which is a data layer that shows a rating of the potential impact of a wildfire on people and their homes. The key input, Wildland Urban Interface (WUI), reflects housing density (houses per acre) consistent with Federal Register National standards. The location of people living in the WUI and rural areas is key information for defining potential wildfire impacts to people and homes. Initially provided as raster data, it was converted to a polygon to allow for analysis. The Wildland Urban Interface Risk Index data ranges from 0 to 7 with higher values being most severe (as noted previously, this is only a measure of relative risk). **Figure 6.6** shows the areas of analysis where any grid cell is less than 3. Areas with a value below 3 were chosen to be displayed as areas of risk because this showed the upper echelon of the scale and the areas at highest risk.

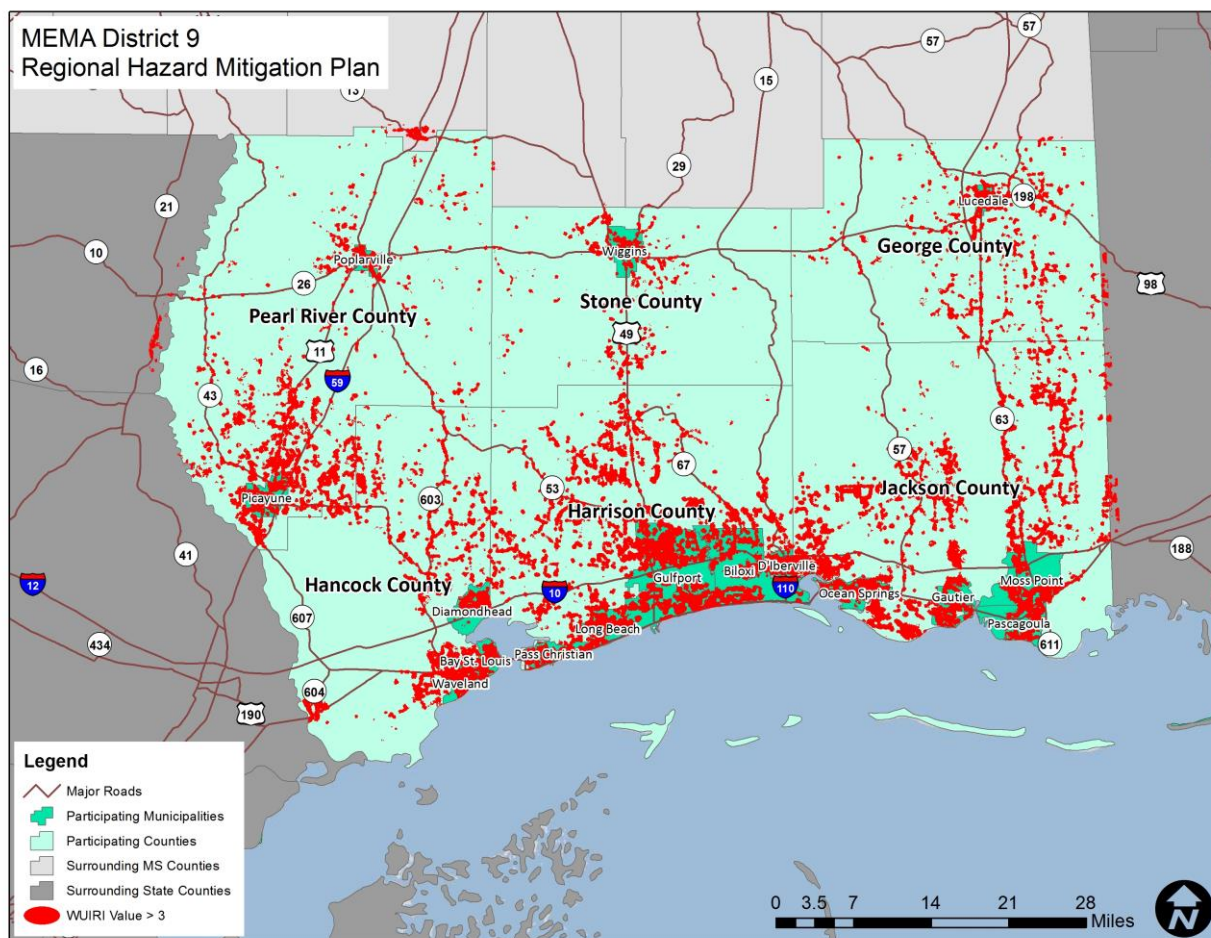
**Table 6.7** shows the results of the analysis.

**FIGURE 6.5: WUI RISK INDEX AREAS IN THE MEMA DISTRICT 9 REGION**



Source: Southern Wildfire Risk Assessment Data



**FIGURE 6.6: WILDFIRE RISK AREAS IN THE MEMA DISTRICT 9 REGION**

Source: Southern Wildfire Risk Assessment Data

**TABLE 6.7: EXPOSURE OF IMPROVED PROPERTY TO WILDFIRE RISK AREAS**

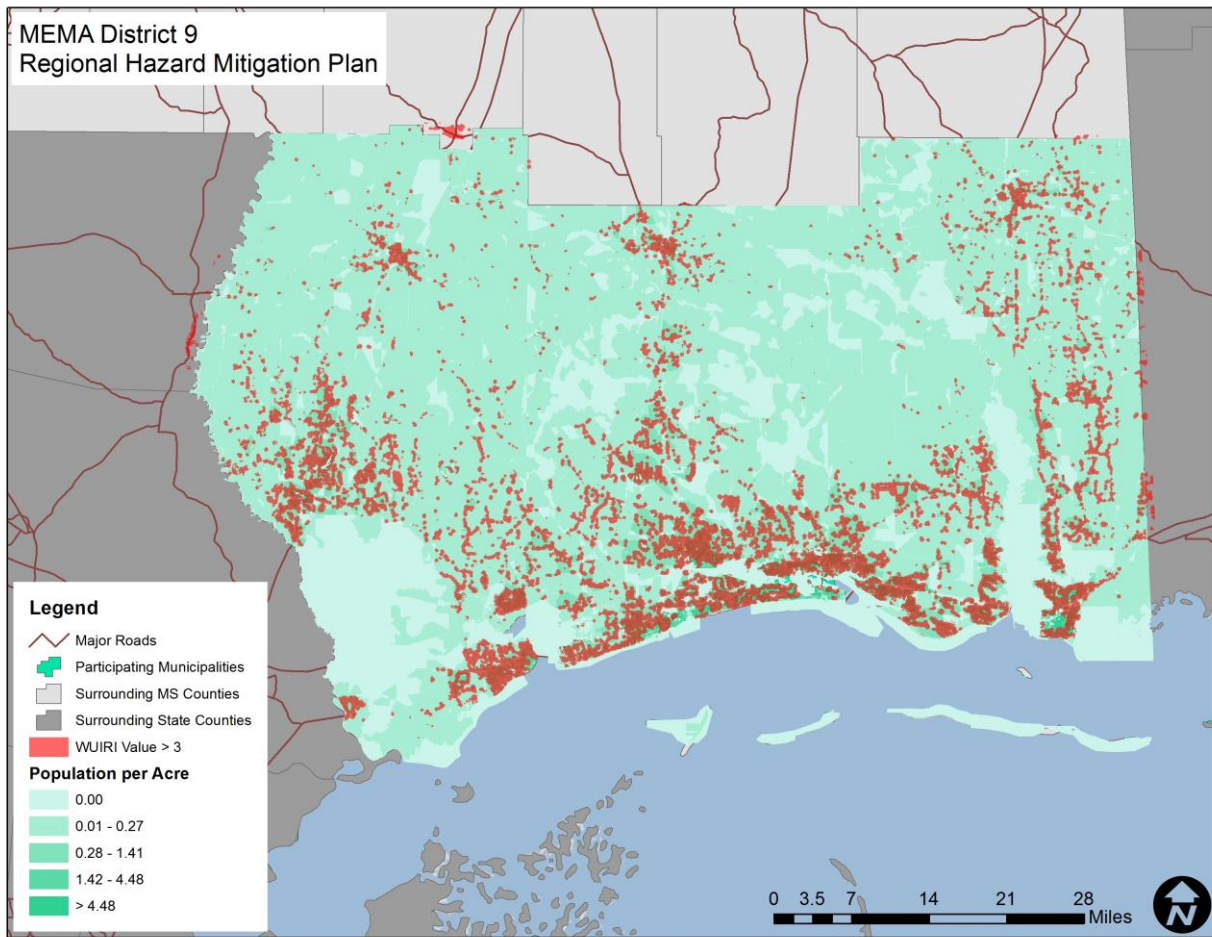
Location	Wildfire Risk	
	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	<b>9,548</b>	<b>\$1,664,239,000</b>
Lucedale	1,538	\$335,976,000
Unincorporated Area	8,010	\$1,328,263,000
<b>Hancock County</b>	<b>29,075</b>	<b>\$793,624,454</b>
Bay St. Louis	4,266	\$104,713,588
Diamondhead	4,438	\$376,562,919
Waveland	4,601	\$91,012,766
Unincorporated Area	15,770	\$221,335,181
<b>Harrison County</b>	<b>87,586</b>	<b>\$4,359,508,991</b>
Biloxi	14,782	\$990,187,787
D'Iberville	4,036	\$173,907,350
Gulfport	30,805	\$1,630,516,790

Location	Wildfire Risk	
	Approx. Number of Buildings	Approx. Improved Value
Long Beach	7,348	\$392,572,180
Pass Christian	3,413	\$164,858,285
Unincorporated Area	27,202	\$1,007,466,599
<b>Jackson County</b>	<b>75,257</b>	<b>\$3,977,525,960</b>
Gautier	6,767	\$362,594,440
Moss Point	9,227	\$342,127,140
Ocean Springs	9,622	\$850,642,070
Pascagoula	9,231	\$541,505,990
Unincorporated Area	40,410	\$1,880,656,320
<b>Pearl River County*</b>	<b>29,749</b>	<b>\$4,352,141,000</b>
Picayune	6,411	\$1,357,763,000
Poplarville	1,846	\$319,907,000
Unincorporated Area	21,492	\$2,674,471,000
<b>Stone County</b>	<b>6,746</b>	<b>\$192,683,090</b>
Wiggins	2,664	\$104,838,031
Unincorporated Area	4,082	\$87,845,059
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>237,961</b>	<b>\$15,339,722,495</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.  
Source: SWRA, MDEQ, Hazus MH 3.2 Data

## SOCIAL VULNERABILITY

Given some level of susceptibility across the entire MEMA District 9 Region, it is assumed that the total population is at risk to the wildfire hazard. **Figure 6.7** shows an overlay of the wildfire risk areas identified above with the population density by census block. This shows that many of the areas of high population concentration are susceptible to wildfire because of their proximity to the wildland urban interface.

**FIGURE 6.7: WILDFIRE RISK AREAS IN THE MEMA DISTRICT 9 REGION**

Source: Southern Wildfire Risk Assessment Data; United States Census

### CRITICAL FACILITIES

The critical facility analysis revealed that there are 586 critical facilities located in wildfire areas of concern, including 9 communications, 6 EOCs, 99 fire stations, 15 medical, 25 police stations, 31 power/gas, 17 private/non-profit, 98 public facilities, 110 schools, 16 shelters, 68 special populations, 8 transportation, 84 water/wastewater. It should be noted, that several factors could impact the spread of a wildfire putting all facilities at risk. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

In conclusion, a wildfire event has the potential to impact many existing and future buildings, critical facilities, and populations in the MEMA District 9 Region.

### 6.5.3 Earthquake

As the Hazus-MH model suggests below, and historical occurrences confirm, any earthquake activity in the area is likely to inflict only minor to moderate damage to the planning area. Hazus-MH 3.2 estimates



a total annualized loss of \$187,000 which includes buildings, contents, and inventory throughout the planning area.

For the earthquake hazard vulnerability assessment, a probabilistic scenario was created to estimate the average annualized loss<sup>2</sup> for the region on a county by county basis. The results of the analysis are generated at the Census Tract level within Hazus-MH and then aggregated to the county level. Since the scenario is annualized, no building counts are provided. Losses reported included losses due to structure failure, building loss, contents damage, and inventory loss. They do not include losses to business interruption, lost income, or relocation. **Table 6.8** summarizes the findings with results rounded to the nearest thousand.

**TABLE 6.8: AVERAGE ANNUALIZED LOSS ESTIMATIONS FOR EARTHQUAKE HAZARD**

Location	Structural Damage	Non-Structural Damage	Contents Damage	Inventory Loss	Total Annualized Loss
George County	\$2,000	\$5,000	\$1,000	\$0	\$8,000
Hancock County	\$4,000	\$9,000	\$2,000	\$0	\$15,000
Harrison County	\$21,000	\$51,000	\$15,000	\$0	\$87,000
Jackson County	\$12,000	\$29,000	\$8,000	\$0	\$49,000
Pearl River County	\$5,000	\$12,000	\$3,000	\$0	\$20,000
Stone County	\$2,000	\$5,000	\$1,000	\$0	\$8,000
<b>MEMA D9 REGION TOTAL</b>	<b>\$46,000</b>	<b>\$111,000</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$187,000</b>

Source: Hazus-MH 3.2

## **SOCIAL VULNERABILITY**

It can be assumed that all existing and future populations are at risk to the earthquake hazard.

## **CRITICAL FACILITIES**

The Hazus-MH probabilistic analysis indicated that no critical facilities would sustain measurable damage in an earthquake event. However, all critical facilities should be considered at-risk to minor damage, should an event occur. Specific vulnerabilities for these assets will be greatly dependent on their individual design and the mitigation measures in place. Such site-specific vulnerability determinations are outside the scope of this assessment but will be considered during future plan updates.

In conclusion, an earthquake has the potential to impact all existing and future buildings, facilities, and populations in the MEMA District 9 Region. The Hazus-MH scenario indicates that minimal to moderate damage is expected from an earthquake occurrence. While the MEMA District 9 Region may not experience a large earthquake, localized damage is possible with an occurrence. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

<sup>2</sup> Annualized loss is defined by Hazus-MH as the expected value of loss in any one year.

## 6.5.4 Hurricane and Tropical Storm

Historical evidence indicates that the MEMA District 9 Region has very significant risk to the hurricane and tropical storm hazard. There have been 12 disaster declarations due to hurricanes or tropical storms (Hurricanes Betsy, Camille, Frederic, Elena, Georges, Ivan, Dennis, Katrina, Gustav, and Isaac, as well as Tropical Storms Allison and Isidore). A large number tracks have come near or traversed through the MEMA District 9 Region, as shown and discussed in Section 5: *Hazard Profiles*. Hazus-MH 3.2 estimates a total annualized loss of \$307,250,000 which includes buildings, contents, and inventory throughout the planning area.

### HURRICANE WINDS

Hurricanes and tropical storms can cause damage through numerous additional hazards such as flooding, erosion, tornadoes, and high winds, thus it is difficult to estimate total potential losses from these cumulative effects. The current Hazus-MH hurricane model only analyzes hurricane winds and storm surge and is not capable of modeling and estimating cumulative losses from all hazards associated with hurricanes; therefore, only these two aspects of hurricane losses are analyzed in this section. It can be assumed that all existing and future buildings and populations are at risk to hurricane and tropical storm wind hazard. Hazus-MH 3.2 was used to determine average annualized losses<sup>3</sup> for the region as shown below in **Table 6.9**. Only losses to buildings, inventory, and contents are included in the results.

**TABLE 6.9: AVERAGE ANNUALIZED LOSS ESTIMATIONS FOR HURRICANE WIND HAZARD**

Location	Building Damage	Contents Damage	Inventory Loss	Total Annualized Loss
George County	\$4,776,000	\$1,959,000	\$16,000	\$6,751,000
Hancock County	\$13,931,000	\$5,455,000	\$37,000	\$19,423,000
Harrison County	\$111,346,000	\$50,844,000	\$461,000	\$162,651,000
Jackson County	\$70,481,000	\$31,767,000	\$307,000	\$102,555,000
Pearl River County	\$7,495,000	\$3,020,000	\$26,000	\$10,541,000
Stone County	\$3,629,000	\$1,683,000	\$17,000	\$5,329,000
<b>MEMA D9 REGION TOTAL</b>	<b>\$211,658,000</b>	<b>\$94,728,000</b>	<b>\$864,000</b>	<b>\$307,250,000</b>

Source: Hazus-MH 3.2

### STORM SURGE

In addition, although it was treated as a separate hazard throughout this plan, storm surge is most often associated with hurricanes and tropical storms. Indeed, Hazus incorporates the storm surge model for estimating damage from storm surge as part of the hurricane model. The storm surge model can only be run as part of a historic hurricane model run and not as part of an annualized loss model. Unfortunately, in this model, storm surge impacts are calculated as part of the total damage from the historic event and thus could not be separated out and evaluated solely in terms of storm surge loss. As such, the estimated losses presented below are combined losses from hurricane winds and storm surge. The historic Hurricane Katrina model was utilized as this was certainly one of the most impactful storms in

<sup>3</sup> Annualized loss is defined by Hazus-MH as the expected value of loss in any one year.

the region and therefore estimates the potential losses that are possible from a large hurricane event. **Table 6.10** presents the losses from this modeled event.

**TABLE 6.10: POTENTIAL LOSS ESTIMATIONS FOR LARGE HURRICANE EVENT**

Location	Building Damage	Contents Damage	Inventory Loss	Total Annualized Loss
George County	\$33,209,000	\$10,744,000	\$73,000	\$44,026,000
Hancock County	\$279,895,000	\$95,284,000	\$600,000	\$375,779,000
Harrison County	\$2,064,136,000	\$862,483,000	\$7,187,000	\$2,933,806,000
Jackson County	\$381,792,000	\$142,547,000	\$605,000	\$524,944,000
Pearl River County	\$205,561,000	\$75,831,000	\$628,000	\$282,020,000
Stone County	\$88,416,000	\$39,047,000	\$495,000	\$127,958,000
<b>MEMA D9 REGION TOTAL</b>	<b>\$3,053,009,000</b>	<b>\$1,225,936,000</b>	<b>\$9,588,000</b>	<b>\$4,288,533,000</b>

Source: Hazus-MH 3.2

### **SOCIAL VULNERABILITY**

Given equal susceptibility across the entire MEMA District 9 Region, it is assumed that the total population, both current and future, is at risk to the hurricane and tropical storm wind hazard. In terms of social vulnerability to storm surge, coastal populations are at much higher risk than inland populations. Since large concentrations of population are located along the coast of the MEMA District 9 Region, there is significant social vulnerability to storm surge in the region.

### **CRITICAL FACILITIES**

Given equal vulnerability across the MEMA District 9 Region, all critical facilities are considered to be at risk. Some buildings may perform better than others in the face of such an event due to construction and age, among factors. Determining individual building response to wind and storm surge is beyond the scope of this plan. However, this plan will consider mitigation action for especially vulnerable structures and/or critical facilities to mitigate against the effects of the hurricane hazard. A list of specific critical facilities can be found in **Table 6.18** at the end of this section.

In conclusion, a hurricane event has the potential to impact many existing and future buildings, critical facilities, and populations in the MEMA District 9 Region.

## **6.5.5 Hazardous Materials Incident**

Historical evidence indicates that the MEMA District 9 Region is susceptible to hazardous materials events. A total of 473 HAZMAT incidents have been reported by the Pipeline and Hazardous Materials Safety Administration, resulting in \$2,134,323 (2016 dollars) in property damage as well as 5 deaths and 21 injuries. On an annualized level, these damages amount to \$47,429 for the region.

Most hazardous materials incidents that occur are contained and suppressed before destroying any property or threatening lives. However, they can have a significant negative impact. Such events can cause multiple deaths, completely shut down facilities, and cause affected properties to be destroyed or

suffer major damage. In a hazardous materials incident, solid, liquid, and/or gaseous contaminants may be released from fixed or mobile containers. Weather conditions will directly affect how the hazard develops. Certain chemicals may travel through the air or water, affecting a much larger area than the point of the incidence itself. Non-compliance with fire and building codes, as well as failure to maintain existing fire and containment features, can substantially increase the damage from a hazardous materials release. The duration of a hazardous materials incident can range from hours to days. Warning time is minimal to none.

In order to conduct the vulnerability assessment for this hazard, GIS intersection analysis was used for fixed and mobile areas and building footprints/parcels where available and Census block data where footprints/parcels were not available.<sup>4</sup> In both scenarios, two sizes of buffers—0.5-mile and 1.0-mile—were used. These areas are assumed to represent the different levels of effect: immediate (primary) and secondary. Primary and secondary impact zones were selected based on guidance from the PHMSA Emergency Response Guidebook. For the fixed site analysis, geo-referenced TRI sites in the region, along with buffers, were used for analysis as shown in **Figure 6.8**. For the mobile analysis, the major roads (Interstate highway, U.S. highway, and State highway) and railroads, where hazardous materials are primarily transported that could adversely impact people and buildings, were used for the GIS buffer analysis. **Figure 6.9** shows the areas used for mobile road toxic release buffer analysis and **Figure 6.10** shows the areas used for the mobile railroad toxic release buffer analysis. The results indicate the approximate number of improved properties and improved value, as shown in **Table 6.11** (fixed sites), **Table 6.12** (mobile roads), and **Table 6.13** (mobile railroads).<sup>5</sup>

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<sup>4</sup> This type of analysis will likely yield inflated results (generally higher than what is actually reported after an actual event).

<sup>5</sup> Note that improved properties included in the 1.0-mile analysis are also included in the 0.5-mile analysis.



Location	0.5-mile buffer zone		1.0-mile buffer zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
Long Beach	0	\$0	0	\$0
Pass Christian	0	\$0	0	\$0
Unincorporated Area	362	\$44,838,092	682	\$61,784,053
<b>Jackson County</b>	<b>2,554</b>	<b>\$89,327,840</b>	<b>8,251</b>	<b>\$322,232,380</b>
Gautier	0	\$0	0	\$0
Moss Point	583	\$19,614,990	1,818	\$74,425,480
Ocean Springs	0	\$0	0	\$0
Pascagoula	1,003	\$39,815,600	3,902	\$180,770,120
Unincorporated Area	968	\$29,897,250	2,531	\$67,036,780
<b>Pearl River County*</b>	<b>489</b>	<b>\$106,765,000</b>	<b>2,265</b>	<b>\$412,547,000</b>
Picayune	489	\$106,765,000	2,196	\$399,979,343
Poplarville	0	\$0	0	\$0
Unincorporated Area	0	\$0	69	\$12,567,657
<b>Stone County</b>	<b>467</b>	<b>\$21,538,732</b>	<b>1,859</b>	<b>\$70,803,546</b>
Wiggins	387	\$17,016,665	1,349	\$56,455,906
Unincorporated Area	80	\$4,522,067	510	\$14,347,640
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>6,986</b>	<b>\$424,232,176</b>	<b>25,406</b>	<b>\$1,602,941,421</b>

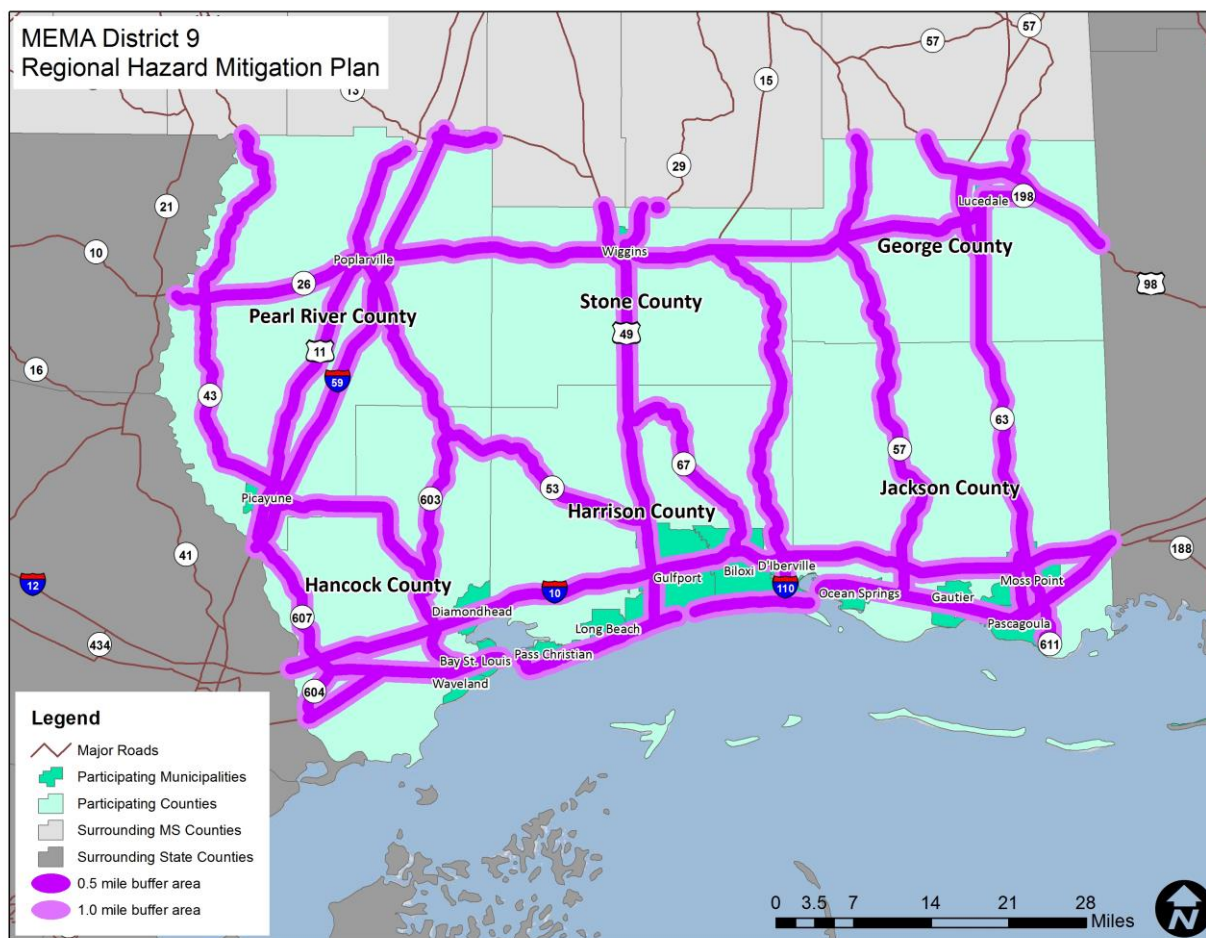
\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

†A small area of the Hancock County parcel data does not contain dollar values. Upon examination of the data, these parcels do have structures located on them. As such, Census Block estimates for values were used in this case.

Source: EPA, MDEQ, Hazus MH 3.2 Data

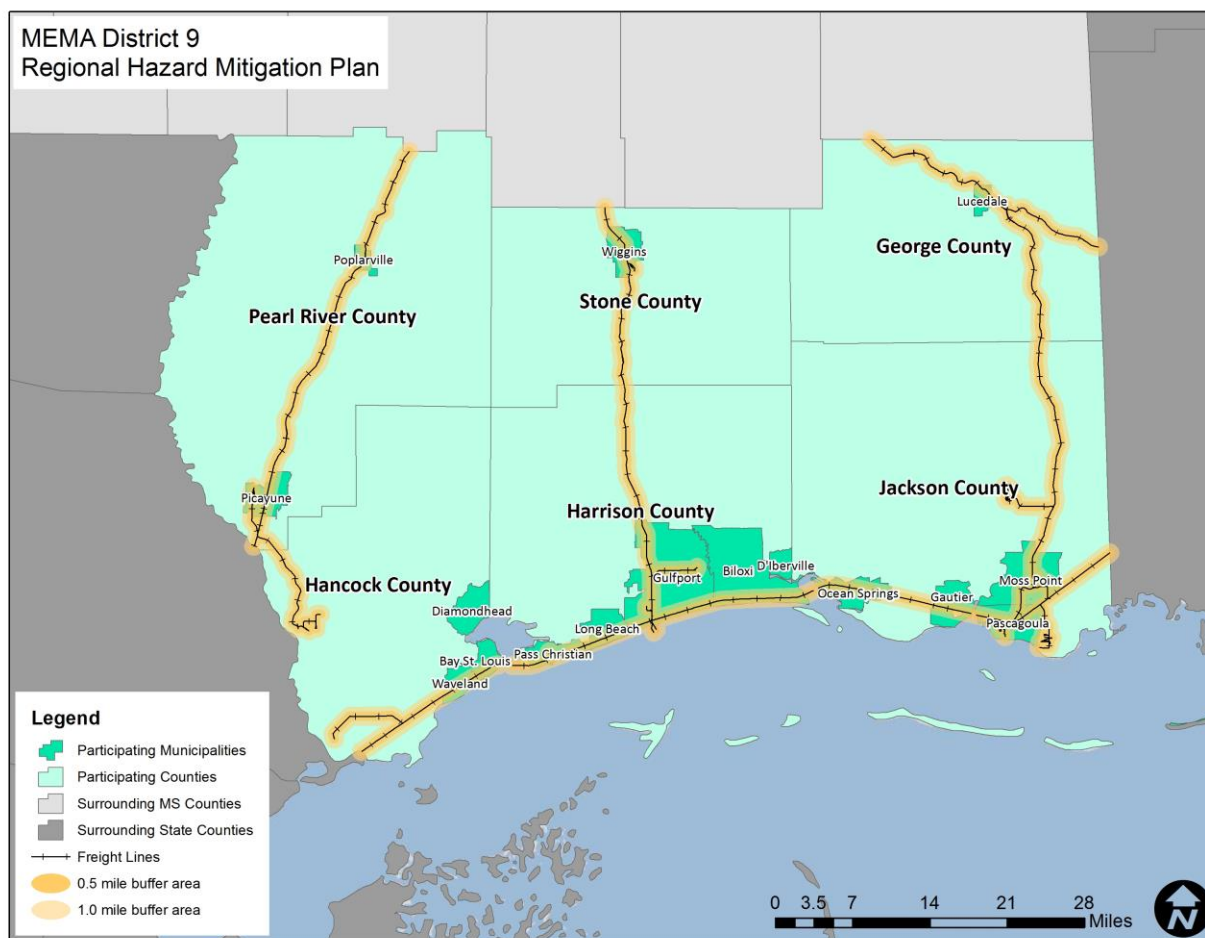


**FIGURE 6.9 : MOBILE (ROAD) HAZMAT BUFFERS IN THE MEMA DISTRICT 9 REGION**



Source: Federal Highway Administration National Highway Planning Network



**FIGURE 6.10 : MOBILE (RAIL) HAZMAT BUFFERS IN THE MEMA DISTRICT 9 REGION**

Source: U.S. Department of Transportation Federal Railroad Administration

**TABLE 6.12: EXPOSURE OF IMPROVED PROPERTY TO HAZARDOUS MATERIALS SPILL  
(MOBILE ANALYSIS - ROAD)**

Location	0.5-mile buffer zone		1.0-mile buffer zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	<b>5,153</b>	<b>\$987,684,000</b>	<b>6,279</b>	<b>\$1,175,140,000</b>
Lucedale	1,351	\$306,348,000	1,538	\$335,976,000
Unincorporated Area	3,802	\$681,336,000	4,741	\$839,164,000
<b>Hancock County</b>	<b>14,905</b>	<b>\$316,655,664</b>	<b>24,394</b>	<b>\$593,991,975</b>
Bay St. Louis	3,091	\$73,331,871	5,153	\$115,765,377
Diamondhead	1,144	\$94,088,219	2,515	\$232,470,277
Waveland	1,553	\$26,881,381	2,902	\$57,568,580
Unincorporated Area	9,117	\$122,354,193	13,824	\$188,187,741
<b>Harrison County</b>	<b>39,552</b>	<b>\$2,649,073,410</b>	<b>71,896</b>	<b>\$4,093,838,350</b>
Biloxi	8,799	\$682,254,259	15,629	\$1,016,578,586

Location	0.5-mile buffer zone		1.0-mile buffer zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
D'Iberville	3,119	\$166,129,238	4,714	\$228,825,255
Gulfport	14,873	\$858,010,293	27,596	\$1,412,706,984
Long Beach	2,056	\$104,404,162	4,838	\$226,495,377
Pass Christian	1,761	\$78,050,457	3,009	\$128,363,439
Unincorporated Area	8,944	\$760,225,001	16,110	\$1,080,868,709
<b>Jackson County</b>	<b>30,471</b>	<b>\$1,710,795,370</b>	<b>53,653</b>	<b>\$2,859,260,310</b>
Gautier	2,038	\$128,322,620	3,973	\$231,157,040
Moss Point	6,704	\$250,007,730	10,082	\$360,729,220
Ocean Springs	6,109	\$560,929,950	9,412	\$825,611,110
Pascagoula	4,913	\$365,649,400	9,604	\$599,308,610
Unincorporated Area	10,707	\$405,885,670	20,582	\$842,454,330
<b>Pearl River County*</b>	<b>20,861</b>	<b>\$3,111,426,000</b>	<b>30,502</b>	<b>\$3,632,518,000</b>
Picayune	4,438	\$1,133,195,000	5,927	\$1,244,649,000
Poplarville	1,941	\$315,740,000	1,964	\$321,992,000
Unincorporated Area	14,482	\$1,662,491,000	22,611	\$2,065,877,000
<b>Stone County</b>	<b>6,348</b>	<b>\$178,594,920</b>	<b>8,927</b>	<b>\$243,035,752</b>
Wiggins	2,630	\$106,292,189	3,183	\$126,862,624
Unincorporated Area	3,718	\$72,302,731	5,744	\$116,173,128
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>117,290</b>	<b>\$8,954,229,364</b>	<b>195,651</b>	<b>\$12,597,784,387</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

Source: NHPN, MDEQ, Hazus MH 3.2 Data

**TABLE 6.13: EXPOSURE OF IMPROVED PROPERTY TO HAZARDOUS MATERIALS SPILL  
(MOBILE ANALYSIS - RAILROAD)**

Location	0.5-mile buffer zone		1.0-mile buffer zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	<b>2,497</b>	<b>\$464,854,000</b>	<b>3,409</b>	<b>\$646,775,000</b>
Lucedale	457	\$115,711,000	864	\$210,193,000
Unincorporated Area	2,040	\$349,143,000	2,545	\$436,582,000
<b>Hancock County</b>	<b>5,779</b>	<b>\$97,328,276</b>	<b>9,363</b>	<b>\$165,995,878</b>
Bay St. Louis	2,602	\$50,395,193	4,125	\$81,202,156
Diamondhead	0	\$0	0	\$0
Waveland	2,093	\$41,357,755	3,346	\$70,790,946
Unincorporated Area	1,084	\$5,575,328	1,892	\$14,002,776

Location	0.5-mile buffer zone		1.0-mile buffer zone	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
<b>Harrison County</b>	<b>32,551</b>	<b>\$2,011,623,453</b>	<b>52,255</b>	<b>\$2,011,623,453</b>
Biloxi	8,278	\$464,061,769	12,404	\$464,061,769
D'Iberville	0	\$0	0	\$0
Gulfport	15,657	\$873,267,174	26,556	\$873,267,174
Long Beach	4,006	\$183,255,865	5,514	\$183,255,865
Pass Christian	2,484	\$96,055,588	3,079	\$96,055,588
Unincorporated Area	2,126	\$394,983,057	4,702	\$394,983,057
<b>Jackson County</b>	<b>22,962</b>	<b>\$1,317,989,340</b>	<b>41,658</b>	<b>\$2,279,194,530</b>
Gautier	2,105	\$96,599,920	4,241	\$229,056,300
Moss Point	4,380	\$143,660,210	8,047	\$285,876,040
Ocean Springs	5,349	\$502,955,290	9,255	\$811,896,650
Pascagoula	5,903	\$415,698,900	11,166	\$649,874,460
Unincorporated Area	5,225	\$159,075,020	8,949	\$302,491,080
<b>Pearl River County*</b>	<b>10,128</b>	<b>\$1,651,755,000</b>	<b>15,569</b>	<b>\$2,253,555,000</b>
Picayune	3,863	\$855,158,000	5,742	\$1,159,817,000
Poplarville	1,163	\$189,638,000	1,704	\$287,734,000
Unincorporated Area	5,102	\$606,959,000	8,123	\$806,004,000
<b>Stone County</b>	<b>3,396</b>	<b>\$98,682,350</b>	<b>5,074</b>	<b>\$154,641,393</b>
Wiggins	1,729	\$62,551,284	2,535	\$102,100,359
Unincorporated Area	1,667	\$36,131,066	2,539	\$52,541,034
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>77,313</b>	<b>\$5,642,232,419</b>	<b>127,328</b>	<b>\$7,511,785,254</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

Source: USDOT FRA, MDEQ, Hazus MH 3.2 Data

## SOCIAL VULNERABILITY

Given high susceptibility across the entire MEMA District 9 Region, it is assumed that the total population is at risk to a hazardous materials incident. It should be noted that areas of population concentration may be at an elevated risk due to a greater burden to evacuate population quickly.

## CRITICAL FACILITIES

### Fixed Site Analysis:

The critical facility analysis for fixed TRI sites revealed that there are 103 facilities located in a fixed HAZMAT risk zone. Of these, 28 facilities are in the primary (0.5 mile) risk area including 1 fire station, 1 medical, 1 police station, 5 power/gas, 4 private/non-profit, 3 public facilities, 4 schools, 3 special populations, and 6 water/wastewater. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

**Mobile Analysis:**

The critical facility analysis for transportation corridors revealed that there are 707 facilities located in the primary and secondary road HAZMAT buffer areas. There were 514 critical facilities located in the primary risk zone.

For the rail line buffer areas, there were a total of 560 critical facilities located in primary and secondary buffer areas. Of these, 371 facilities are located within the primary buffer area.

A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

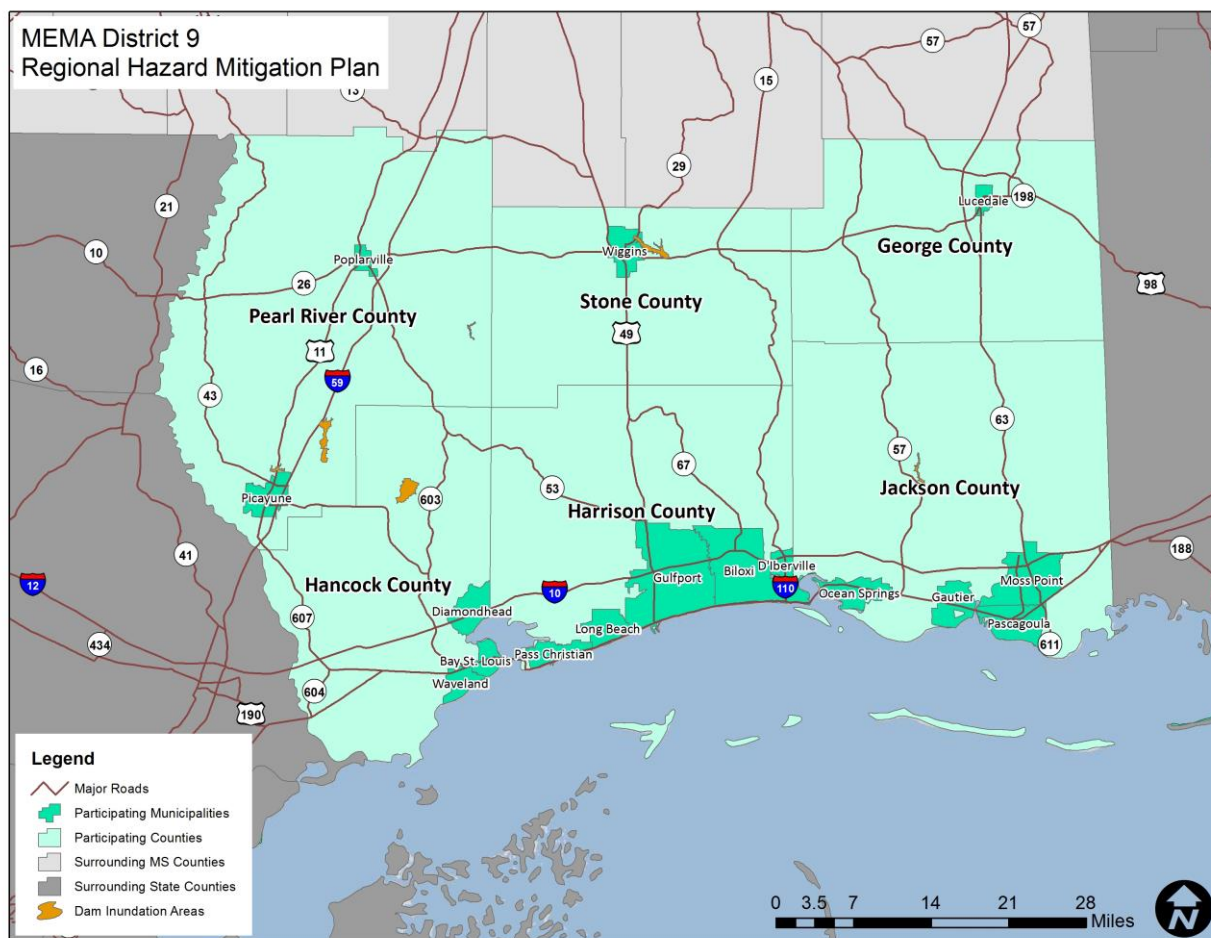
In conclusion, a hazardous material incident has the potential to impact many existing and future buildings, critical facilities, and populations in the MEMA District 9 Region. Those areas in a primary buffer are at the highest risk, though all areas carry some vulnerability due to variations in condition that could alter the impact area (i.e., direction and speed of wind, volume of release, etc.).

### **6.5.6 Dam/Levee Failure**

In order to assess risk to a dam or levee failure, a GIS-based analysis was used to estimate exposure to one of the areas delineated by the Mississippi Department of Environmental Quality as a potential inundation area in the event of a failure. The determination of value at-risk (exposure) was calculated using GIS analysis by summing the values for improved properties that were located within an identified inundation area. As mentioned previously, this type of inundation mapping has not been completed for every dam/levee in the region, so the results of this analysis likely underestimate the overall vulnerability to a dam or levee failure. However, the analysis is still useful as a sort of baseline minimum of property that is potentially at-risk. The identified inundation areas can be found in **Figure 6.11**.

In general, building footprint and parcel data were used in this analysis. However, in some communities, due to a lack of digital parcel data, it was determined that analysis using the inventory from Hazus-MH 3.2 would be used to supplement the building/parcel data. It should be noted that this data will merely be an estimation and may not reflect actual counts or values located in dam inundation areas. Indeed, in almost all cases, this data likely overestimates the amount of property in the identified risk zones.

**Table 6.14** presents the potential at-risk property. Both the number of buildings and the approximate improved value are presented.

**FIGURE 6.11: DAM INUNDATION AREAS IN THE MEMA DISTRICT 9 REGION**

Source: Mississippi Department of Environmental Quality

**TABLE 6.14: ESTIMATED EXPOSURE OF IMPROVEMENTS TO THE DAM/LEVEE FAILURE HAZARD**

Location	Dam Inundation Area	
	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	0	\$0
Lucedale	0	\$0
Unincorporated Area	0	\$0
<b>Hancock County</b>	92	\$1,852,055
Bay St. Louis	0	\$0
Diamondhead	0	\$0
Waveland	0	\$0
Unincorporated Area	92	\$1,852,055
<b>Harrison County</b>	0	\$0
Biloxi	0	\$0
D'Iberville	0	\$0
Gulfport	0	\$0

Location	Dam Inundation Area	
	Approx. Number of Buildings	Approx. Improved Value
Long Beach	0	\$0
Pass Christian	0	\$0
Unincorporated Area	0	\$0
<b>Jackson County†</b>	<b>1</b>	<b>\$0</b>
Gautier	0	\$0
Moss Point	0	\$0
Ocean Springs	0	\$0
Pascagoula	0	\$0
Unincorporated Area	1	\$0
<b>Pearl River County*</b>	<b>86</b>	<b>\$70,289,000</b>
Picayune	0	\$0
Poplarville	0	\$0
Unincorporated Area	86	\$70,289,000
<b>Stone County</b>	<b>29</b>	<b>\$1,150,188</b>
Wiggins	18	\$808,698
Unincorporated Area	11	\$341,490
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>208</b>	<b>\$73,291,243</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

†This does not include areas that would be inundated by the Big Creek Lake Dam, located in Alabama as geospatial data for the inundation area was not available.

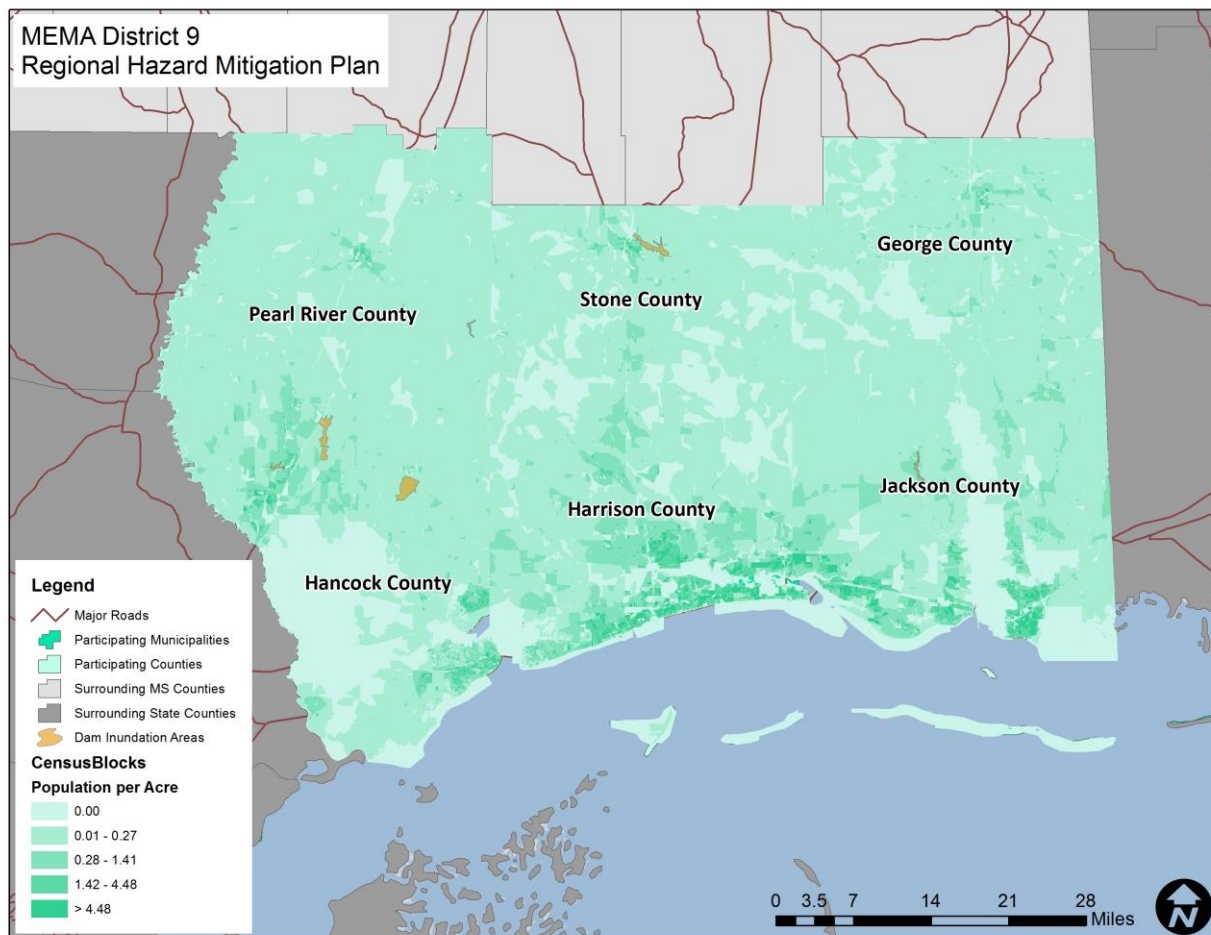
Source: MDEQ, Hazus 3.2

## SOCIAL VULNERABILITY

Figure 6.12 is presented to gain a better understanding of at-risk population by evaluating census block level population data against dam inundation areas. There are areas of concern in several of the counties in this region, although it should be noted that most of the population of the region is not at risk to a dam/levee failure.



**FIGURE 6.12: POPULATION DENSITY NEAR DAM INUNDATION AREAS IN THE MEMA DISTRICT 9 REGION**



Source: MDEQ, United States Census 2010

## CRITICAL FACILITIES

The critical facility analysis revealed that there are 2 facilities located in dam inundation areas. One of these facilities is a dam itself in Stone County, so it is not surprising that it is located in the inundation area. The other facility is a fire station in Pearl River County. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

In conclusion, a dam has the potential to impact a number of existing and future buildings, facilities, and populations in the MEMA District 9 Region, though this analysis is not all-encompassing in terms of risk to a dam or levee failure because inundation mapping is not available for all dams in the region.

## 6.5.7 Climate Change/Sea Level Rise

Most assessments carried out across the globe have concluded that climate change is a phenomenon that will impact our planet in the foreseeable future. Among others, the National Climate Assessment, International Panel on Climate Change, and National Oceanic and Atmospheric Administration all project

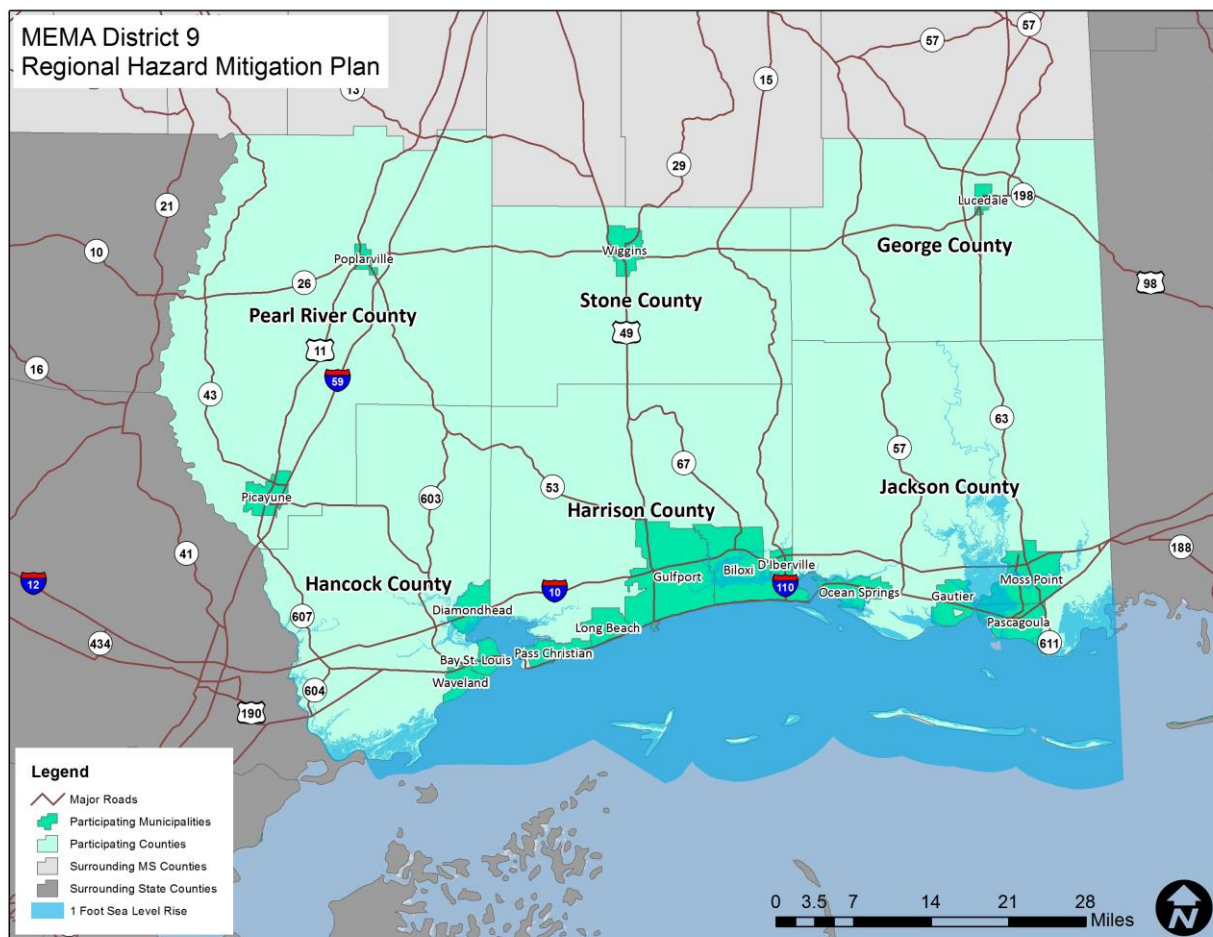


that climate change will impact the United States and will have a major impact on coastal communities due to the effects of sea level rise. As such, projections concerning sea level rise are important to incorporate into planning efforts in order to identify people and property that may be impacted.

In order to assess sea level rise risk, a GIS-based analysis was used to estimate exposure to future projections of sea level rise using data produced by the National Oceanic and Atmospheric Administration in combination with improved property records for each of the MEMA District 9 Counties. The determination of value at-risk (exposure) was calculated using GIS analysis by summing the values for improved properties that were located within the inundation zone that would be created in the event of 1 foot, 3 feet, and 6 feet of sea level rise. A number of different sea level rise scenarios were available via NOAA (from 1 foot to 6 feet, at 1 foot intervals), however these scenarios were selected to demonstrate a range of potential sea level rise scenarios from low to moderate to high projections. These scenarios can be found in **Figure 6.13**, **Figure 6.14**, and **Figure 6.15**.

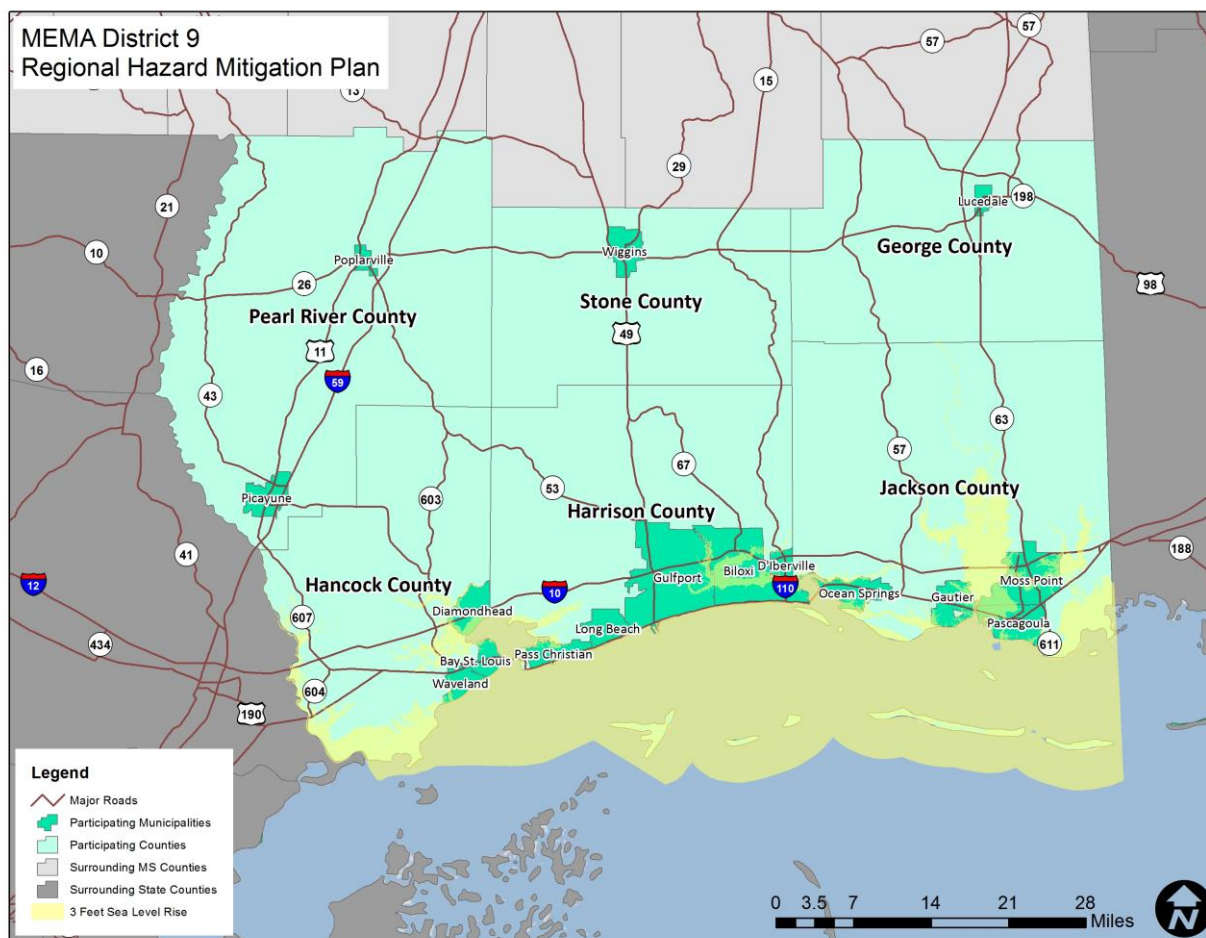
**Table 6.15** presents the potential at-risk property. Both the number of parcels and the approximate value are presented.

**FIGURE 6.13: 1 FOOT SEA LEVEL RISE SCENARIO IN THE MEMA DISTRICT 9 REGION**

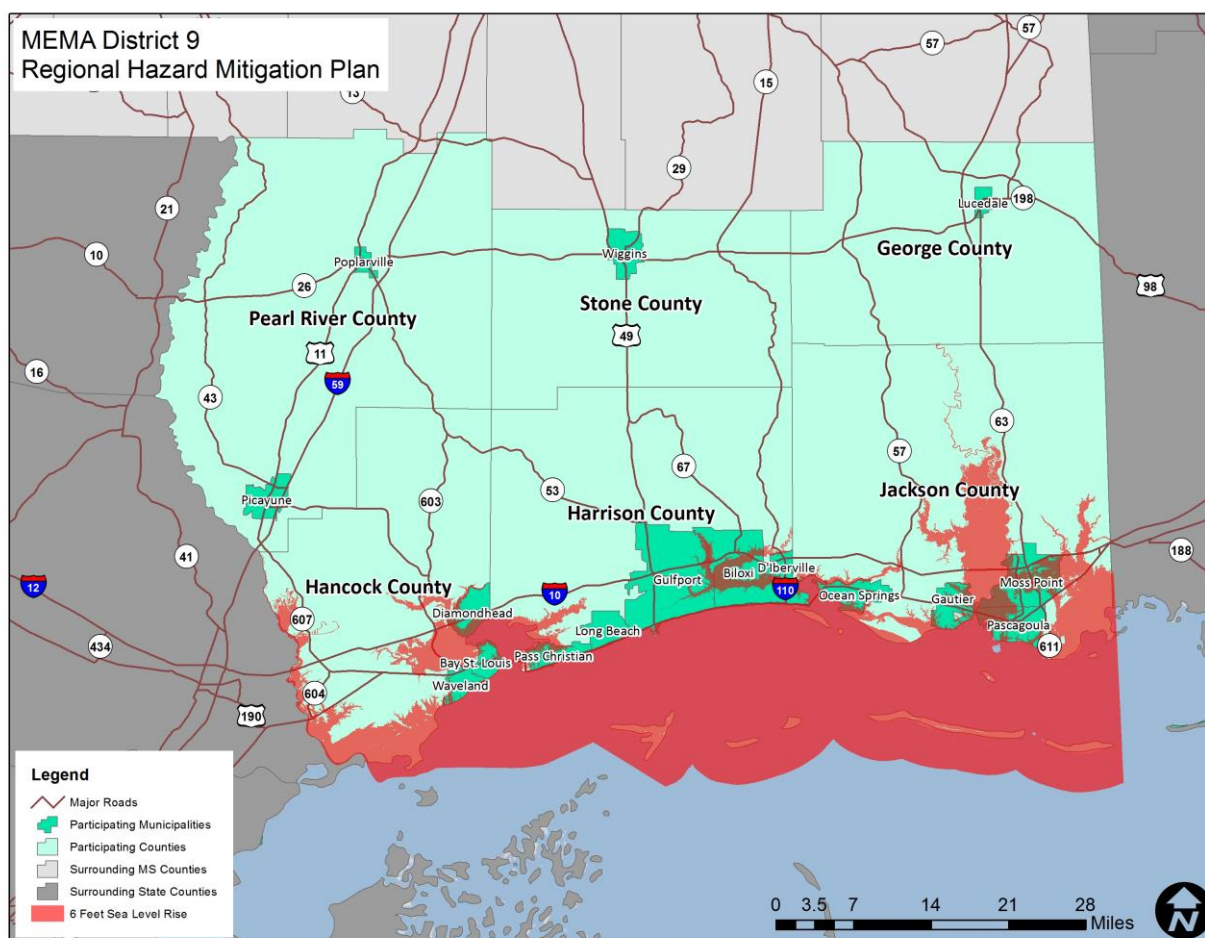


Source: NOAA

**FIGURE 6.14: 3 FEET SEA LEVEL RISE SCENARIO IN THE MEMA DISTRICT 9 REGION**



Source: NOAA

**FIGURE 6.15: 6 FEET SEA LEVEL RISE SCENARIO IN THE MEMA DISTRICT 9 REGION**

Source: NOAA

**TABLE 6.15: ESTIMATED EXPOSURE OF PARCELS TO THE SEA LEVEL RISE HAZARD**

Location	1.0 foot		3.0 feet		6.0 feet	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
<b>George County*</b>	11	\$2,708,000	11	\$2,708,000	11	\$2,708,000
Lucedale	0	0	0	0	0	0
Unincorporated Area	11	\$2,708,000	11	\$2,708,000	11	\$2,708,000
<b>Hancock County</b>	248	\$6,391,403	2,755	\$43,175,392	5,357	\$78,630,485
Bay St. Louis	0	\$0	7	\$282,410	61	\$1,200,443
Diamondhead	30	\$2,087,223	52	\$3,752,217	115	\$8,691,488
Waveland	0	\$0	0	\$0	36	\$264,371
Unincorporated Area	248	\$6,391,403	2,748	\$42,892,982	5,296	\$77,430,042
<b>Harrison County</b>	406	\$628,588,092	740	\$658,601,989	2,446	\$838,354,843
Biloxi	141	\$152,875,152	217	\$160,571,178	574	\$253,581,853

Location	1.0 foot		3.0 feet		6.0 feet	
	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value	Approx. Number of Buildings	Approx. Improved Value
D'Iberville	3	\$88,805	3	\$88,805	37	\$3,062,657
Gulfport	104	\$13,795,779	202	\$20,682,997	542	\$52,554,190
Long Beach	0	\$0	0	\$0	0	\$0
Pass Christian	36	\$3,060,166	122	\$11,788,951	701	\$46,934,462
Unincorporated Area	265	\$475,712,940	523	\$498,030,811	1,872	\$584,772,990
<b>Jackson County</b>	<b>919</b>	<b>\$63,575,980</b>	<b>2,417</b>	<b>\$174,291,150</b>	<b>7,501</b>	<b>\$374,562,550</b>
Gautier	110	\$8,651,090	371	\$29,086,520	773	\$49,712,830
Moss Point	71	\$5,883,400	244	\$17,686,870	1,550	\$56,765,010
Ocean Springs	49	\$12,727,870	118	\$24,058,690	278	\$47,884,160
Pascagoula	65	\$6,319,600	245	\$28,427,260	1,102	\$73,423,870
Unincorporated Area	809	\$54,924,890	2,046	\$145,204,630	6,728	\$324,849,720
<b>Pearl River County*</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
Picayune	0	\$0	0	\$0	0	\$0
Poplarville	0	\$0	0	\$0	0	\$0
Unincorporated Area	0	\$0	0	\$0	0	\$0
<b>Stone County</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>	<b>0</b>	<b>\$0</b>
Wiggins	0	\$0	0	\$0	0	\$0
Unincorporated Area	0	\$0	0	\$0	0	\$0
<b>MEMA DISTRICT 9 REGION TOTAL</b>	<b>1,584</b>	<b>\$701,263,475</b>	<b>5,923</b>	<b>\$878,776,531</b>	<b>\$15,315</b>	<b>\$1,294,255,878</b>

\* As noted above, building footprints and parcel data were not available for George County and parcel value data was not available for Pearl River County. As a result of this data limitation, at risk Census block building counts and values of the structures were used where necessary.

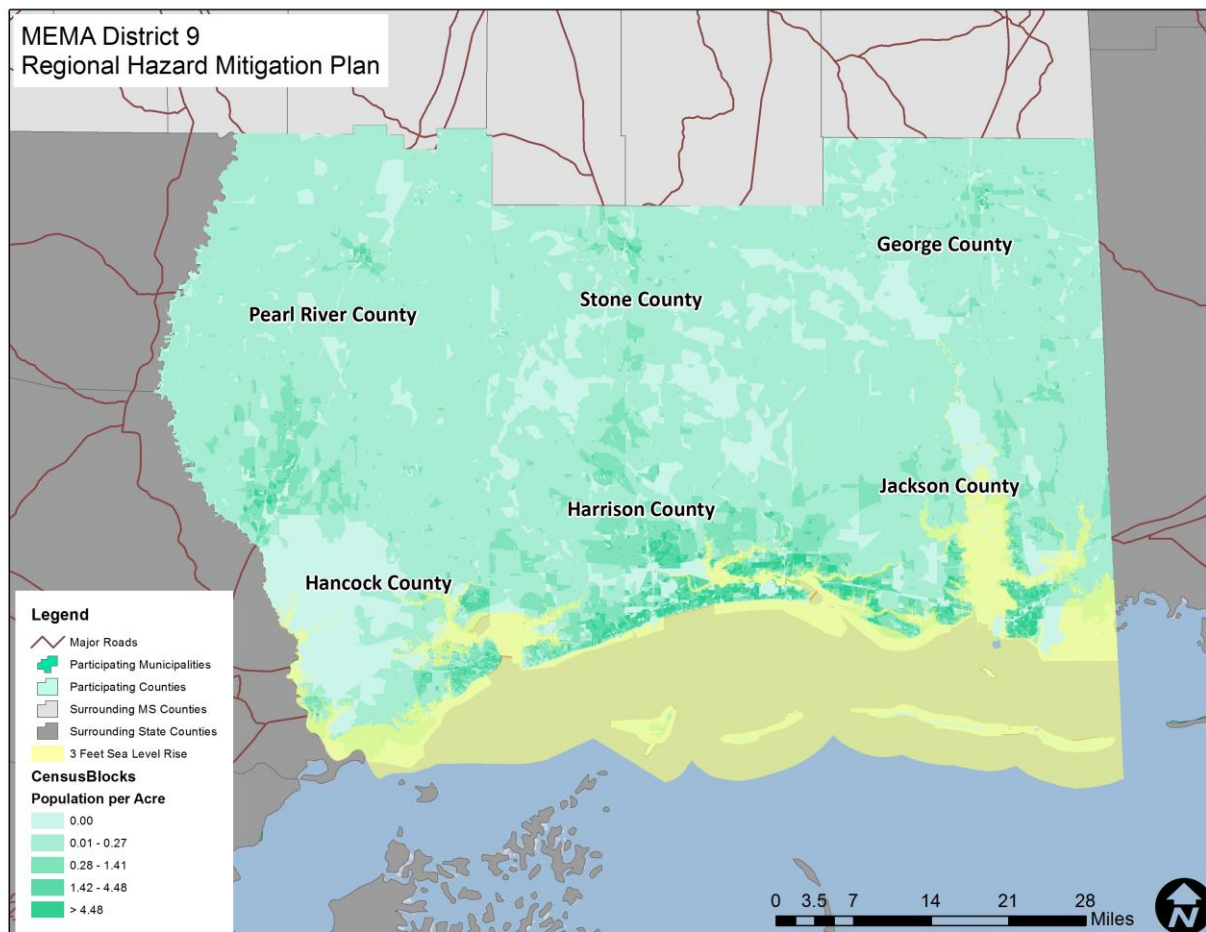
Source: NOAA, MDEQ, Hazus MH 3.2 Data

## SOCIAL VULNERABILITY

Figure 6.16 is presented to gain a better understanding of at-risk population by evaluating census block level population data against the 3 feet sea level rise scenario. The three feet scenario was selected since this is a moderate level projection. Based on this analysis, a significant part of the coastal population in the region is vulnerable to sea level rise.



**FIGURE 6.16: POPULATION DENSITY WITH 3 FEET SEA LEVEL RISE IN THE MEMA DISTRICT 9 REGION**



Source: NOAA, United States Census 2010

## CRITICAL FACILITIES

The critical facility analysis revealed that there are 23 facilities located in the 3 feet of sea level rise scenario inundation area. As mentioned above, this scenario was selected as it is a mid-range projection for sea level rise based on a number of studies. The 23 facilities include 3 private/non-profit, 4 public facilities, 1 special population, 10 transportation, and 5 water/wastewater. A list of specific critical facilities and their associated risk can be found in **Table 6.18** at the end of this section.

## 6.6 CONCLUSIONS ON HAZARD VULNERABILITY

The results of this vulnerability assessment are useful in at least three ways:

- ❑ Improving our understanding of the risk associated with the hazards in the MEMA District 9 Region through better understanding of the complexities and dynamics of risk, how levels of risk can be measured and compared, and the myriad of factors that influence risk. An understanding

of these relationships is critical in making balanced and informed decisions on managing the risk.

- ❑ Providing a baseline for policy development and comparison of mitigation alternatives. The data used for this analysis presents a current picture of risk in the MEMA District 9 Region. Updating this risk “snapshot” with future data will enable comparison of the changes in risk with time. Baselines of this type can support the objective analysis of policy and program options for risk reduction in the region.
- ❑ Comparing the risk among the hazards addressed. The ability to quantify the risk to all these hazards relative to one another helps in a balanced, multi-hazard approach to risk management at each level of governing authority. This ranking provides a systematic framework to compare and prioritize the very disparate hazards that are present in the MEMA District 9 Region. This final step in the risk assessment provides the necessary information for local officials to craft a mitigation strategy to focus resources on only those hazards that pose the most threat to the MEMA District 9 counties.

Exposure to hazards can be an indicator of vulnerability. Economic exposure can be identified through values for improvements (buildings), and social exposure can be identified by estimating the population exposed to each hazard. This information is especially important for decision-makers to use in planning for evacuation or other public safety related needs.

The types of assets included in these analyses include all building types in the participating jurisdictions. Specific information about the types of assets that are vulnerable to the identified hazards is included in each hazard subsection (for example all building types are considered at risk to the winter weather hazard).

**Table 6.16** presents an overall summary of the community’s vulnerability for each jurisdiction. This summary provides key problem statements and identifies the community’s greatest vulnerabilities that will be addressed in the mitigation strategy.

**TABLE 6.16: SUMMARY OF VULNERABILITY FOR THE MEMA DISTRICT 9 REGION**

	Key Problem Statements
<b>George County</b>	George County and Lucedale have a large amount of timber, open, and agriculture land, creating an enhanced risk to wildfires across the county. The county is also more vulnerable to drought which can damage crop yields or reduce stock and crop production in the agricultural sector, resulting in economic loss.
<b>Hancock County</b>	Hancock County, Bay St. Louis, Diamondhead, and Waveland have many low-lying neighborhoods and streets that are especially vulnerable to coastal flooding and storm surge. Vulnerable and at-risk populations including low-income, minority, elderly, or disabled persons disproportionately live in flood prone areas. Additionally, many employers like casinos, resorts, and hotels are located in these vulnerable locations. Disruption or loss of these employers and facilities can result in significant unemployment, economic loss, and migration from the county and cities.



	Key Problem Statements
<b>Harrison County</b>	Harrison County, Biloxi, D'Iberville, Gulfport, Long Beach, and Pass Christian have many low-lying neighborhoods and streets that are especially vulnerable to coastal flooding and storm surge. Vulnerable and at-risk populations including low-income, minority, elderly, or disabled persons disproportionately live in flood prone areas. Additionally, many employers like casinos, resorts, and hotels are located in these vulnerable locations. Disruption or loss of these employers and facilities can result in significant unemployment, economic loss, and migration from the county and cities.
<b>Jackson County</b>	Jackson County, Gautier, Moss Point, Ocean Springs, and Pascagoula have many low-lying neighborhoods and streets that are especially vulnerable to coastal flooding and storm surge. Vulnerable and at-risk populations including low-income, minority, elderly, or disabled persons disproportionately live in flood prone areas. Additionally, many employers like casinos, resorts, and hotels are located in these vulnerable locations. Disruption or loss of these employers and facilities can result in significant unemployment, economic loss, and migration from the county and cities.
<b>Pearl River County</b>	Pearl River, Picayune, and Poplarville have a large amount of timber, open, and agriculture land, creating an enhanced risk to wildfires across the county. The county is also more vulnerable to drought which can damage crop yields or reduce stock and crop production in the agricultural sector, resulting in economic loss.
<b>Stone County</b>	Stone County and Wiggins have a large amount of timber, open, and agriculture land, creating an enhanced risk to wildfires across the county. The county is also more vulnerable to drought which can damage crop yields or reduce stock and crop production in the agricultural sector, resulting in economic loss.

**Table 6.17** presents a summary of annualized loss for each hazard in the MEMA District 9 Region. Due to the reporting of hazard damages primarily at the county level, it was difficult to determine an accurate annualized loss estimate for each municipality. Therefore, an annualized loss was determined through the damage reported from historical occurrences at the county level. These values should be used as an additional planning tool or measure of risk for determining hazard mitigation strategies throughout the region.

It should also be noted that many of these estimates are based on incomplete data and likely underestimate the historic dollar damage sustained in each county. Especially for hazards such as extreme cold, extreme heat, hail, lightning, and winter weather, it is very likely that more damage occurred historically than has been identified.

**TABLE 6.17: ANNUALIZED LOSS FOR THE MEMA DISTRICT 9 REGION**

<b>Hazard</b>	<b>George County</b>	<b>Hancock County</b>	<b>Harrison County</b>	<b>Jackson County</b>	<b>Pearl River County</b>	<b>Stone County</b>
<b>Flood-related Hazards</b>						
Dam and Levee Failure	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
Erosion	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
Flood	\$3,048	\$63,260	\$286,743	\$234,715	\$191,132	\$8,226
Storm Surge	\$0	\$231,917,975	\$534,440,188	\$213,721,103	\$0	\$0
<b>Fire-related Hazards</b>						
Drought	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
Lightning	\$10,075	\$24,550	\$22,238	\$17,009	\$7,388	\$6,483
Wildfire	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
<b>Geologic Hazards</b>						
Earthquake†	\$2,000	\$4,000	\$21,000	\$12,000	\$5,000	\$2,000
<b>Wind-related Hazards</b>						
Extreme Cold	\$0	\$0	\$0	\$7,675	\$0	\$0
Extreme Heat/Heat Wave	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
Hailstorm	\$36	\$0	\$0	\$17	\$0	\$0
Hurricane and Tropical Storm	\$2,476,877	\$97,894,098	\$208,420,678	\$101,235,648	\$76,274,291	\$19,180,679
Severe Thunderstorm/High Wind	\$33,394	\$11,182	\$38,753	\$20,249	\$373,483	\$35,155
Tornado	\$100,488	\$1,232,052	\$4,472,901	\$150,650	\$173,388	\$33,495
Winter Weather	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
<b>Other Hazards</b>						
Climate Change/Sea Level Rise	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>
Hazardous Materials Incident/Train Derailment	\$3,866	\$8,313	\$11,489	\$25,777	\$7,961	\$2,997
Infectious Disease	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>	<i>Not Available</i>

†Historic dollar damage was not available for this hazard, but since estimated annualized losses from Hazus were available, those numbers were used in this table.

\*In this table, the term “Not Available” is used to indicate that no records of dollar losses for the particular hazard were recorded. This could be the case either because there were no events that caused dollar damage or because documentation of that particular type of event is not well kept.

As noted previously, all existing and future buildings and populations (including critical facilities) are vulnerable to impacts from atmospheric hazards such as drought and hailstorm. Some buildings may be more vulnerable to some of these hazards based on locations, construction, and building type. In

addition, all populations are vulnerable to hazards like infectious disease which could presumably impact any segment of the population without regard to geographic location. **Table 6.18** shows the critical facilities vulnerable to additional hazards analyzed in this section. The table lists those assets that are determined to be exposed to each of the identified hazards (marked with an “X”).

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TABLE 6.18: AT-RISK CRITICAL FACILITIES

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
GEORGE COUNTY																										
AT&T		Comm		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
C-Spire Communications Tower		Comm		X				X	X		X	X	X	X	X	X	X	X					X		X	X
Emergency Operations Center		EOC		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Agricola VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Barton VFD		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Basin VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Benndale VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Bexley VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Broome VFD		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Central VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Howell VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Movella VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Rocky Creek VFD		Fire Station		X				X	X		X	X	X	X	X	X	X	X					X			X
Salem VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Shipman VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Twin Creek VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Ward VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Davita Dialysis Health Center		Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
George Regional Hospital		Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Mississippi Power Company		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Singing River Electric Power Company		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
WRBE Radio Station		Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X	X							X	X
George County Administrative Building		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
George County Regional Correctional Facility		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
George County Senior Citizens Building		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X
Lucedale-George County Public Library		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Mississippi Forestry Commission		Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Mississippi National Guard Armory		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
United States Postal Service		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Agricola Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Benndale Elementary School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Cental Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
George County High School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
George County Middle School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
L C Hatcher Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
L T Taylor Intermediate		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
MS Gulf Coast Community College		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Rocky Creek Elementary School		School		X				X	X		X	X	X	X	X	X	X	X					X			X
Amelias Garden Personal Care		Special Populations		X				X	X		X	X	X	X	X	X	X	X							X	X
Evas Place Personal Care		Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Glen Oaks Nursing Home		Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X			X



**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Smith Manor Personal Care		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Sparrow Hills Personal Care		Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Bexley Utilities		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X					X		X	X
Combined Utilities		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Multi Mart Water Association		Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X
Rocky Creek Utilities		Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Lucedale Fire Department	Lucedale	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Lucedale Police Department	Lucedale	Police Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
City Hall	Lucedale	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Lucedale Sewer & Water Department	Lucedale	Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
HANCOCK COUNTY																										
Bell South Switching Station		Comm		X				X	X		X	X	X	X	X	X	X	X								X
Cell phone Towers		Comm		X				X	X		X	X	X	X	X	X	X	X								X
Hancock County EMA		EOC		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Clermont Harbor VFD		Fire Station		X			X	X	X	X	X	X	X	X	X	X	X	X						X	X	X
Fenton VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
West Hancock VFD		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Diamondhead Dialysis Center		Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Hancock Medical Center		Medical		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Hancock Medical Center Clinics and Offices		Medical		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Hancock County Dispatch Office		Police Station		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
Hancock County Sheriff’s Office		Police Station		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
Coast Electric Power Association office and distribution lines		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Mississippi Power Company, office and distribution lines		Power/Gas		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
La Frances Fish Camp		Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X						X	X	X
WQRZ Radio Station		Private/Non-Profit		X	X			X	X	X	X	X	X	X	X	X	X	X	X			X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Buccaneer State Park		Public Facility		X	X			X	X		X	X	X	X	X	X	X	X						X	X	X
Hancock County Courthouse		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
Hancock County Health Department		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Hancock County Jail		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
Hancock County Senior Center		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Kiln Public Library		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Pearlington Public Library		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Sand Beach		Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Scenic Trails		Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Seawall		Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Bay Catholic Elementary School		School		X				X	X		X	X	X	X	X	X	X	X								X
Bay High School		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Bay Waveland Child Development Center		School		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Central Christian Academy		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
East Hancock Elementary School		School		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Hancock County Child Development Center		School		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Hancock County High School		School		X		X		X	X		X	X	X	X	X	X	X	X					X			X
Hancock County Middle School		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Hancock County North Central Elementary School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
North Bay Elementary School		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Our Lady of the Gulf High School		School		X		X		X	X		X	X	X	X	X	X	X	X					X	X	X	X
South Hancock Elementary School		School		X	X			X	X	X	X	X	X	X	X	X	X	X								X
St. Stanislaus College and Dorms		School		X		X		X	X		X	X	X	X	X	X	X	X					X	X	X	X
Waveland Elementary School		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
West Hancock Elementary School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Hancock County Evacuation Shelters		Shelter		X				X	X		X	X	X	X	X	X	X	X								X
Aloha RV Park		Special Populations		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Dunbar Village Terrace and Courtyard		Special Populations		X	X			X	X	X	X	X	X	X	X				X	X			X	
Hancock RV Park		Special Populations		X				X	X		X	X	X	X	X								X	
Hollywood Casino and RV Park		Special Populations		X	X			X	X	X	X	X	X	X	X								X	
Silver Slipper RV Park		Special Populations		X			X	X	X	X	X	X	X	X	X	X						X	X	
Sunrise RV Park		Special Populations		X	X			X	X		X	X	X	X	X				X	X			X	
Woodland Village Nursing Center		Special Populations		X				X	X	X	X	X	X	X	X				X	X			X	
Bridges on all highways and major roads		Transportation		X				X	X		X	X	X	X	X								X	
CSX Railroad and Bridge		Transportation		X				X	X		X	X	X	X	X								X	
Diamondhead Airport		Transportation		X	X			X	X		X	X	X	X	X					X			X	
Interstate Highway 10		Transportation		X				X	X		X	X	X	X	X								X	
Kiln-Delisle Road		Transportation		X				X	X		X	X	X	X	X								X	
Port Bienville lead line		Transportation		X				X	X		X	X	X	X	X								X	
Road Department North County Barn		Transportation		X				X	X	X	X	X	X	X	X				X	X			X	

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Road Department South County Barn		Transportation		X	X			X	X	X	X	X	X	X	X	X	X	X								X
State Highways 603,603 and 43		Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Stennis International Airport		Transportation		X	X			X	X		X	X	X	X	X	X	X	X								X
U. S. Highway 90		Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Diamondhead Regional Wastewater Treatment Plant		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Hancock County Utility Authority Offices		Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X	X				X	X			X
Northern Regional Wastewater Treatment Plant		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Sewer Lift Stations		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Southern Regional Wastewater Treatment Plant		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Water Wells		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X



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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Western Regional Wastewater Treatment Plant		Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Bell South	Bay St Louis	Comm		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Cell phone Towers	Bay St Louis	Comm		X		X		X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Bay St. Louis Fire Department #1	Bay St Louis	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Bay St. Louis Fire Department #2	Bay St Louis	Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Bay St. Louis Police Department	Bay St Louis	Police Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Natural Gas Regulator	Bay St Louis	Power/Gas		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Bay St. Louis-Hancock County Library	Bay St Louis	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Bay St. Louis City Hall	Bay St Louis	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Bay St. Louis Public Works Yard	Bay St Louis	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Bay-Waveland Middle School	Bay St Louis	School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Second Street Elementary	Bay St Louis	School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
St. Rose De Lima School	Bay St Louis	School		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X

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Notre Dame De La Mer Senior Housing	Bay St Louis	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
CSX Railroad Bay Bridge	Bay St Louis	Transportation		X				X	X		X	X	X	X	X	X	X	X	X				X		X	X
Water Well- 10th	Bay St Louis	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Water Well- Esterbrook	Bay St Louis	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Water Well- Harry	Bay St Louis	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Water Well- St Charles	Bay St Louis	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Diamondhead Fire Station	Diamondhead	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Diamondhead Proposed Police Station	Diamondhead	Police Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Diamondhead City Offices	Diamondhead	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Diamondhead POA	Diamondhead	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X			X
East Hancock County Library	Diamondhead	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Waveland Central Fire Station	Waveland	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Waveland Fire Station #1	Waveland	Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X

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Waveland Police Department- New	Waveland	Police Station		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X
Waveland Police Department- Temporary	Waveland	Police Station		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Hope Haven	Waveland	Private/Non-Profit		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Waveland City Hall	Waveland	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Waveland City Hall Annex	Waveland	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Waveland Civic Center	Waveland	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Waveland Public Library	Waveland	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Waveland Public Library	Waveland	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Waveland Public Works Yard	Waveland	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X
Davis Ave Water Well	Waveland	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Faith Street Water Well	Waveland	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Gulfside Street Water Well	Waveland	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X
Tide Street Water Well	Waveland	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X							X	X

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Waveland Wastewater Treatment Plant	Waveland	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X	
HARRISON COUNTY																											
Harrison County EOC		EOC		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Cuevas VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X	
Henderson Point VFD		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	
Lizana VFD		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X	
Saucier VFD		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X	
West Harrison VFD		Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X								X	
Arizona Chemicals		Power/Gas		X			X	X	X		X	X	X	X	X	X	X	X								X	
Canal Road- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X				X	X			X	
CE Lizana- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X					X			X	
Cedar Lake CE- Electric Substation		Power/Gas		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X	
CenterPoint Entex- Gulfport		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	
CenterPoint Entex- Long Beach		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	
CenterPoint Entex- Pass Christian		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X	

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Dedeaux- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Diamond Head- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X								X
Dupont- Electric Substation		Power/Gas		X	X			X	X		X	X	X	X	X	X	X	X				X	X			X
East Biloxi- Electric Substation		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Fernwood- Electric Substation		Power/Gas		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Gay Road- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Gulf South Pipeline Company LP		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X							X	X
Gulfport 29th Ave- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Highway 53- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Jack Watson- Electric Substation		Power/Gas		X		X		X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Keesler- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Lamey- Electric Substation		Power/Gas		X		X		X	X	X	X	X	X	X	X	X	X	X					X			X
Landon- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Long Beach- Electric Substation		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X								X

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MG Ind.- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Mississippi Power Company Power Plant		Power/Gas		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Munro Petroleum and Terminal Corp.		Power/Gas		X			X	X	X		X	X	X	X	X	X	X	X				X	X			X
O’Neal Road- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Olsen- Electric Substation		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Pass Christian- Electric Substation		Power/Gas		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Percy Street- Electric Substation		Power/Gas		X	X			X	X		X	X	X	X	X	X	X	X			X	X	X		X	X
Rodensberg- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X					X		X	X
Saucier- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X								X
Saucier CEPA- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X								X
Steely Drive- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Sunkist- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X								X
Tap- Electric Substation		Power/Gas		X	X			X	X		X	X	X	X	X	X	X	X					X			X



**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Tap- Electric Substation		Power/Gas		X		X		X	X		X	X	X	X	X	X	X	X								X
Tap- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Tap- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X					X			X
Tap- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Texas Ave.- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Transmission Line-CE Lizana to Tap		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Dedeaux to Jack Watson		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Diamond Head to Kiln		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-East Biloxi to Percy Street		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Fernwood to Jack Watson		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Fernwood to Texas Ave.		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Transmission Line-Gay Road to Cedar Lake CE		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Gay Road to Cedar Lake CE		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Gulfport 29th Ave to Long Beach		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Highway 53 to Landon		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Jack Watson to Gay Road		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Jack Watson to Hickory Hills		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Jack Watson to Hurricane Creek		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Jack Watson to Kiln		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Jack Watson to Wade		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Transmission Line-Jack Watson to Woolmarket		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Keesler to Rodensberg		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Kiln to Dupont		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Lamey to Gay Road		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to Dedeaux		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to Diamond Head		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to Jack Watson		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to Long Beach		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to O'Neal Road		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Landon to Tap		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Long Beach to Olsen		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards						
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Transmission Line-O'Neal Road to Jack Watson		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Olsen to Pass Christian		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Pass Christian to Dupont		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Percy Street to Keesler		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Plant - Jack Watson to Sub - Jack Watson		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Rodensberg to Steely Drive		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Rodensberg to Sunkist		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Saucier CEPA to Highway 53		Power/Gas		X				X	X	X	X	X	X	X	X								X	
Transmission Line-Saucier to Saucier CEPA		Power/Gas		X				X	X	X	X	X	X	X	X								X	

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone				Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Transmission Line-St. Martin to Cedar Lake CE		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Steely Drive to Fernwood		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Sunkist to Cedar Lake CE		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Tap to Canal Road		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Tap to MG Ind.		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Tap to O'Neal Road		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Tap to Watts		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Texas Ave. to Gulfport 29th Ave		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Victor J Daniel Jr to McKnight		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Wiggins to Saucier		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Transmission Line-Woolmarket to Lamey		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Watts- Electric Substation		Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Woolmarket- Electric Substation		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X
Harrison County Courthouse		Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Diberville Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Diberville Senior High School		School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
East Harrison High School		School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Harrison Central 9th Grade School		School		X				X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Harrison Central Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Harrison Central High School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Harrison County Alternative School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Harrison County Child Development Center		School		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Harrison County Vocational Complex		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Lizana Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X								X



**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards							
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone			Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Lyman Elementary School		School		X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
North Gulfport Seventh and Eighth School		School		X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
North Woolmarket Elementary School		School		X			X	X		X	X	X	X	X	X	X	X		X	X	X	X			X
Orange Grove Elementary School		School		X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Pineville Elementary School		School		X		X	X	X	X	X	X	X	X	X	X	X	X								X
Three Rivers Elementary School		School		X			X	X	X	X	X	X	X	X	X	X	X								X
West Harrison High School		School		X			X	X		X	X	X	X	X	X	X	X								X
West Wortham Elementary and Middle School		School		X			X	X	X	X	X	X	X	X	X	X	X								X
Woolmarket Elementary School		School		X			X	X	X	X	X	X	X	X	X	X	X								X
Gulfport-Biloxi Regional Airport		Transportation		X			X	X		X	X	X	X	X	X	X	X								X
Biloxi Communications Center	Biloxi	Comm		X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Communications Tower	Biloxi	Comm		X			X	X	X	X	X	X	X	X	X	X	X				X	X			X

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WLOX TV-13	Biloxi	Comm		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Biloxi Emergency Operations	Biloxi	EOC		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Back Bay-Fire Station #3	Biloxi	Fire Station		X	X			X	X		X	X	X	X	X	X	X	X				X	X		X	X
Bay Vista-Fire Station #5	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Cedar Lake/Popps Ferry-Fire Station #7	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Central-Fire Station #1	Biloxi	Fire Station		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
East End-Fire Station #2	Biloxi	Fire Station		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Oaklawn Rd-Fire Station #9	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Popps Ferry-Fire Station #6	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Veterans-Fire Station #4	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Woolmarket- Fire Station #8	Biloxi	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X			X		X			X
Cedar Lake Medical Center	Biloxi	Medical		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Gulf Coast Medical Center	Biloxi	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Gulf Oak Hospital	Biloxi	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

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Keesler Medical Center	Biloxi	Medical		X		X		X	X		X	X	X	X	X	X	X	X		X	X		X		X	X
Merit Hospital	Biloxi	Medical		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Veterans Administration Hospital	Biloxi	Medical		X				X	X		X	X	X	X	X	X	X	X								X
Harrison County Sheriff	Biloxi	Police Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Mississippi Marine Patrol Dispatch	Biloxi	Police Station		X		X		X	X		X	X	X	X	X	X	X	X			X		X		X	X
Police Station-Lopez/Quave	Biloxi	Police Station		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Natural Gas Pipeline	Biloxi	Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Beau Rivage	Biloxi	Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X				X	X		X	X
Beauvoir Jeff Davis Home & Library	Biloxi	Private/Non-Profit		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Bond House	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Boomtown Casino	Biloxi	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X	X				X			X
Cadet Point	Biloxi	Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X				X	X			X
Creole Cottage	Biloxi	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Edgewater Mall	Biloxi	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

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Golden Nugget Casino	Biloxi	Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X				X	X			X
Gray-Slay House	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
Hard Rock Casino	Biloxi	Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X				X	X		X	X
Harrah's Gulf Coast Casino	Biloxi	Private/Non-Profit		X			X	X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Home Depot	Biloxi	Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Imperial Palace Resort & Casino	Biloxi	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X				X	X			X
Magnolia Hotel	Biloxi	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Margaritaville Casino	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
Margaritaville Resort	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X	X			X	X		X	X
Old Brick House	Biloxi	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X					X			X
Palace Casino	Biloxi	Private/Non-Profit		X			X	X	X		X	X	X	X	X	X	X	X				X	X		X	X
Saenger Theatre	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Treasure Bay Casino	Biloxi	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Walmart – Neighborhood-2050 Pass Road	Biloxi	Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Walmart – Neighborhood-1820-A Popps Ferry Road	Biloxi	Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Walmart Supercenter	Biloxi	Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
West End Hose Co #3	Biloxi	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Biloxi Port Commission & Small Craft Harbour	Biloxi	Public Facility		X			X	X	X		X	X	X	X	X	X	X	X	X			X	X		X	X
Biloxi Visitors Center	Biloxi	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
City Hall	Biloxi	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Coast Transit Authority	Biloxi	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Community Development	Biloxi	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Donal Snyder Community Center	Biloxi	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X		X	X	
Dr Eldon Bolton State Office Bldg	Biloxi	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X			X		X		X	X
Dr. Frank Gruich, Sr. Community Center	Biloxi	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
East Biloxi Library and Civic Center	Biloxi	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Juvenile Detention Center	Biloxi	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Margaret Sherry Library	Biloxi	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
MGM Park	Biloxi	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Mississippi Coast Coliseum & Convention Center	Biloxi	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Public Safety Garage	Biloxi	Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Public Works	Biloxi	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Swetman House	Biloxi	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
West Biloxi Public Library	Biloxi	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Woolmarket Civic Center	Biloxi	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X
Beauvoir Elementary	Biloxi	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Biloxi High School	Biloxi	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Biloxi Jr High School	Biloxi	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Gorenflo Elementary School	Biloxi	School		X	X			X	X		X	X	X	X	X	X	X	X				X	X		X	X
Jeff Davis Elementary	Biloxi	School		X				X	X		X	X	X	X	X	X	X	X					X		X	X



**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Michel 7th Grade School	Biloxi	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
North Bay Elementary	Biloxi	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Popps Ferry Elementary	Biloxi	School		X				X	X		X	X	X	X	X	X	X	X					X		X	X
Woolmarket Elementary	Biloxi	School		X				X	X	X	X	X	X	X	X	X	X	X								X
Bay Cove Assisted Living Center	Biloxi	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Biloxi Industries	Biloxi	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Biloxi Veterans Administration & Hospital& Retirement Home	Biloxi	Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Cadet Point Senior Village	Biloxi	Special Populations		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Cottage Memory Care @ Bay Cove	Biloxi	Special Populations		X	X			X	X		X	X	X	X	X	X	X	X								X
Emeritus at Biloxi	Biloxi	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Gabriel Manor Retirement Community	Biloxi	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Gulf Shore Villas	Biloxi	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Pillars of Biloxi	Biloxi	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Precious Care Home	Biloxi	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Santa Maria Senior Community Center	Biloxi	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Seashore Development Group	Biloxi	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
South Mississippi Regional Center	Biloxi	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
CSX Railroad	Biloxi	Transportation		X			X	X	X		X	X	X	X	X	X	X	X	X				X		X	X
Keesler Air Force Base	Biloxi	Transportation		X		X		X	X		X	X	X	X	X	X	X	X			X				X	X
67 & Oaklawn Well	Biloxi	Water/Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X
Bradford St Well	Biloxi	Water/Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Cedar Lake Well	Biloxi	Water/Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Debuys Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Father Ryan Well	Biloxi	Water/Wastewater		X				X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Greater Ave Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone			Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Harrison County Wastewater And Solid Waste	Biloxi	Water/ Wastewater		X		X		X	X		X	X	X	X	X	X	X	X		X					X
Harrison County Wastewater And Solid Waste	Biloxi	Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X				X	X			X
Hospital Well	Biloxi	Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X			X		X			X
Iberville Well	Biloxi	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Kuhn St Well	Biloxi	Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X
Lakeview Well	Biloxi	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X							X	X
Lift Stations throughout City	Biloxi	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X								X
Maple St Well	Biloxi	Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X
New Bay Vista Well	Biloxi	Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X					X	X	X	X
North Biloxi #1 Well	Biloxi	Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X								X
North Rivervue Well	Biloxi	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X				X	X			X
Oaklawn Well	Biloxi	Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X					X			X
Old Bay Vista Well	Biloxi	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X							X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Park Dr Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Pine St Well	Biloxi	Water/Wastewater		X			X	X	X		X	X	X	X	X	X	X	X				X	X		X	X
Porter Ave Well	Biloxi	Water/Wastewater		X	X			X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Rustwood Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X								X
South Hill Well	Biloxi	Water/Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Sports Complex Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X								X
Tullis Manor Well	Biloxi	Water/Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Vee St Well	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X								X
West Biloxi Wastewater Treatment Plant	Biloxi	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X							X	X
AT&T Communication Center	Dlberville	Comm		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
D'Iberville Fire Department	Dlberville	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Ocean Springs Hospital	Dlberville	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
South Mississippi Kidney Center	Dlberville	Medical		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X

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D'Iberville Police Department	Dlberville	Police Station		X		X		X	X	X	X	X	X	X	X	X	X				X	X			X
Blossman Propane Gas	Dlberville	Power/Gas		X				X	X		X	X	X	X	X	X	X				X	X			X
D'Iberville Electric Substation- 10224 Rodriguez Street	Dlberville	Power/Gas		X		X		X	X		X	X	X	X	X	X	X				X	X			X
D'Iberville Electric Substation- 11281 Clinton Lane	Dlberville	Power/Gas		X				X	X	X	X	X	X	X	X	X	X				X	X			X
Central Avenue Overlook	Dlberville	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X			X	X			X
D'Iberville City Hall	Dlberville	Public Facility		X		X		X	X		X	X	X	X	X	X	X				X	X			X
D'Iberville Civic Center	Dlberville	Public Facility		X		X		X	X		X	X	X	X	X	X	X				X	X			X
D'Iberville Public Works Center	Dlberville	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X			X
D'Iberville Senior Citizen Center	Dlberville	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X				X	X			X
Fountain Beach Complex	Dlberville	Public Facility		X			X	X	X		X	X	X	X	X	X	X					X			X
Harrison Co. District 1 Work Center	Dlberville	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X			X
Harrison County Public Library	Dlberville	Public Facility		X		X		X	X		X	X	X	X	X	X	X				X	X			X
Marina Complex	Dlberville	Public Facility		X	X			X	X		X	X	X	X	X	X	X				X	X			X

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MS Driver's License Facility	Dlberville	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
Parks and Recreation Bulding/ D'Iberville Recreation Center	Dlberville	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Rudy Moran Park	Dlberville	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Town Green	Dlberville	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X				X	X			X
US Post Office	Dlberville	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X			X
D'Iberville Elementary School	Dlberville	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
D'Iberville High School	Dlberville	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
D'Iberville Middle School	Dlberville	School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Sacred Heart School	Dlberville	School		X	X			X	X	X	X	X	X	X	X	X	X	X					X			X
Boys & Girls Club: IP Center at North Bay	Dlberville	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Gilbert R. Mason Sr. Head Start Center	Dlberville	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Automall Parkway	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Bayshore Drive Bridge	Dlberville	Transportation		X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X			X
Central Avenue	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X



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Corso's Bridge	Dlberville	Transportation		X	X			X	X		X	X	X	X	X	X	X	X	X			X	X			X
Cypress Creek Bridge	Dlberville	Transportation		X	X			X	X	X	X	X	X	X	X	X	X	X	X				X			X
D'Iberville Boulevard	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
HWY 67 Bridge	Dlberville	Transportation		X	X			X	X	X	X	X	X	X	X	X	X	X	X			X	X			X
I-110 Bridge/ Drawbridge	Dlberville	Transportation		X			X	X	X		X	X	X	X	X	X	X	X	X			X	X			X
Interstate 10	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Interstate 110	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Lamey Bridge	Dlberville	Transportation		X	X			X	X		X	X	X	X	X	X	X	X	X				X			X
Lamey Bridge Road	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Lemoyne Boulevard	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
MS Highway 15	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
MS Highway 67	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Old Highway 67	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Popps Ferry Road	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Promenade Parkway	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Rodriguez Street	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Sangani Boulevard	Dlberville	Transportation		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards						
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
D'Iberville Wastewater Plant	Dlberville	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X				X	X			X	
D'Iberville Water Tower- 10085 1st Avenue W	Dlberville	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X				X	X			X	
D'Iberville Water Tower- 11288 Lamey Bridge Road	Dlberville	Water/ Wastewater		X				X	X	X	X	X	X	X	X				X	X			X	
HC/D'Iberville POTW	Dlberville	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X				X				X	
Central Fire Station	Gulfport	Fire Station		X		X		X	X		X	X	X	X	X				X	X	X	X	X	
Fire Station 10	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X			X	X	X			X	
Fire Station 11	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X								X	
Fire Station 12	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X					X	X	X	X	
Fire Station 2	Gulfport	Fire Station		X				X	X		X	X	X	X	X				X	X	X	X	X	
Fire Station 3	Gulfport	Fire Station		X		X		X	X		X	X	X	X	X			X	X	X	X	X	X	
Fire Station 4	Gulfport	Fire Station		X				X	X		X	X	X	X	X								X	
Fire Station 5	Gulfport	Fire Station		X		X		X	X	X	X	X	X	X	X								X	
Fire Station 6	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X							X	X	
Fire Station 7	Gulfport	Fire Station		X				X	X		X	X	X	X	X								X	
Fire Station 8	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X				X	X	X	X	X	
Fire Station 9	Gulfport	Fire Station		X				X	X	X	X	X	X	X	X				X	X		X	X	

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Dialysis Centers	Gulfport	Medical		X				X	X		X	X	X	X	X	X	X	X								X
Garden Park Community Hospital	Gulfport	Medical		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Medical Supply Stores	Gulfport	Medical		X				X	X		X	X	X	X	X	X	X	X								X
Memorial Hospital at Gulfport	Gulfport	Medical		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Harrison County Sheriff's Info	Gulfport	Police Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Harrison County Sheriff's Office	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
North Gulfport Police Complex	Gulfport	Police Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Orange Grove Police Sub	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Police Complex Fleet Maintenance Center	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X
Police Complex Motorcycle Storage/General	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X
Police Complex Technical Service Center	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X
Police Department Old Electronic Shop	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone				Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Police Department Pistol Range	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X
Police Training Building	Gulfport	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X					X
Robert J. Curry Public Safety Center	Gulfport	Police Station		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Fuel Centers	Gulfport	Power/Gas		X				X	X		X	X	X	X	X	X	X	X								X
Building Supply Centers	Gulfport	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
Grocery Stores	Gulfport	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
Humane Society	Gulfport	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Media Outlets	Gulfport	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
Pharmacies	Gulfport	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X	X								X
19th St Recreation Center	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Armory Building	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Building Maintenance Parks Facility	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Carnegie Library	Gulfport	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Cemetery Admin Office	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Charles L Walker Senior Center	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
City Hall	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Feed My Sheep	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Gaston Hewes Rec Center	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Gaston Point Community Center	Gulfport	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Goldin Park - Maintenance Facility	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
Grasslawn Museum Support Building	Gulfport	Public Facility		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Handsboro Community Center	Gulfport	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Harbor Services Facility	Gulfport	Public Facility		X			X	X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Herbert Wilson Rec Center	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Horticulture Building	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Joseph T Jones Building	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Katie Patterson Booth Rec Center	Gulfport	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Leisure Service Admin Building	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X					X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Lyman Community Center	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
National Guard Complex	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Naval Battalion Construction Center Gulfport	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Orange Grove Community Center	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Public Works Building	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
Public Works Building 2	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
Public Works Warehouse	Gulfport	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
Records Storage Facility	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Social Security Office	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Sportsplex Maintenance Shop 1 (West)	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Sportsplex Maintenance Shop 2 (East)	Gulfport	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X			X
U.S. Coast Guard	Gulfport	Public Facility		X			X	X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
U.S. Customs	Gulfport	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X			X					X



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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
U.S. Postal Service	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Westside Community Center	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
William H Hardy Building	Gulfport	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Anniston Avenue Elementary	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Bayou View Elementary	Gulfport	School		X		X		X	X		X	X	X	X	X	X	X	X								X
Bayou View Middle School	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X								X
Bel Aire Elementary School	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X		X	X
Blue Cliff College	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X		X	X
Central Elementary	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X			X		X		X	X
Christian Collegiate Academy	Gulfport	School		X	X			X	X	X	X	X	X	X	X	X	X	X				X				X
Gaston Point Elementary	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X					X		X	X
Gulfport Central Middle School	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Gulfport High School	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Gulfport Schools	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X		X	X
Gulfport Special Education	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X			X	X	X		X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone				Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Harrison County Magnet School	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X								X
Harrison County School Support	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X								X
Harrison County Special Ed	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Learning Center	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
MGCCC	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
MGCCC Jefferson Davis Campus	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Northwood Christian Academy	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X								X
Pass Road Elementary School	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X							X	X
St James School	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
St John Catholic Schools	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Temple Christian Academy	Gulfport	School		X				X	X	X	X	X	X	X	X	X	X	X			X		X			X
Turkey Creek School	Gulfport	School		X	X			X	X	X	X	X	X	X	X	X	X	X		X			X		X	X
Twenty-Eighth Street Elementary	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X							X	X
USM Gulf Coast Campus	Gulfport	School		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
West Elementary School	Gulfport	School		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Westminster Academy School	Gulfport	School		X		X		X	X		X	X	X	X	X	X	X	X								X
Central Elementary School- Red Cross Shelter	Gulfport	Shelter		X				X	X	X	X	X	X	X	X	X	X	X			X		X		X	X
Central Middle School- Secondary Shelter	Gulfport	Shelter		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Orange Grove Community Center- FEMA Shelter	Gulfport	Shelter		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Advanced Psychotherapy Association	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
All My Children	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Alpha Personal Care	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Aunt Donna's Day Care	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Aunt Donna's Daycare & Learning	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X		X	X	X	X		X	X
Boyington Pro Care	Gulfport	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Carey Jane	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Center-Prevention-Child Abuse	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

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Childhood Wonders	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X			X		X		X	X
Christian Collegiate Academy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Crises Stabilization Unit	Gulfport	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Dickson Rishel Dorothy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Divine Preschool Academy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X			X		X		X	X
Driftwood Nursing Home	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Good Shepard Christian Academy	Gulfport	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Gulf Coast Mental Health Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Gulf Coast Missionary Baptist	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Gulfport Academy Child Care	Gulfport	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Gulfport Mental Health	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Happy Times Child Care Inc	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Harrison County Head Start	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson Personal Care Home	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Kare-It Patch Day Care	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X			X		X		X	X
Kid Academy Preschool	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Kids Connection	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Kids First Child Development	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Kinder Care Learning Center	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X		X	X
Lakeview Nursing Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Lil-Tots Day Care Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Memorial Behavioral Health- 11150 US 49	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Memorial Behavioral Health- 12266 Ashley Dr	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Northwood Christian Academy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Nugent Child Development Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ovation Learning Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Pine Grove Coastal Care Center	Gulfport	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Renaissance Counseling Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X
Seasons Senior Behavioral Health	Gulfport	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Simone & Association PLLC	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X
Smith, Kelly - Crossroads Counseling	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X			X		X		X	X
Staley Teresa	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Sullivan Teresa	Gulfport	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X			X		X		X	X
Tate, Vivian - T & T Association LLC	Gulfport	Special Populations		X				X	X		X	X	X	X	X	X	X	X					X	X	X	X
Temple Christian Academy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Three Rivers Academy	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Trinity United Methodist School	Gulfport	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X								X
Turkey Creek Head Start Program	Gulfport	Special Populations		X	X			X	X		X	X	X	X	X	X	X	X		X	X		X		X	X
Twin Oaks Child Development	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X							X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Watch Me Grow Learning Center	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Wee Ones Child Care Inc	Gulfport	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Wesley Academy	Gulfport	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X					X	X	X	X
Westminster Academy School	Gulfport	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X								X
Bernard Bayou Industrial District	Gulfport	Water/ Wastewater		X	X			X	X		X	X	X	X	X	X	X	X	X							X
Harrison County Wastewater And Solid Waste	Gulfport	Water/ Wastewater		X		X		X	X		X	X	X	X	X	X	X	X								X
HC/Delisle Wastewater Treatment	Gulfport	Water/ Wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
South Gulfport Wastewater Treatment Plan	Gulfport	Water/ Wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X			X					X
Fire Station #1	Long Beach	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Fire Station #2	Long Beach	Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Fire Station #3	Long Beach	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Police Department	Long Beach	Police Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
City Hall Building	Long Beach	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Public Works Center	Long Beach	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X



**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Senior/Rec Center	Long Beach	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X								X
South Mississippi Regional Center	Long Beach	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Harper McCaughn Elementary	Long Beach	School		X				X	X	X	X	X	X	X	X	X	X	X								X
High School	Long Beach	School		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Middle School	Long Beach	School		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Quarles Elementary	Long Beach	School		X				X	X	X	X	X	X	X	X	X	X	X								X
Reeves Elementary	Long Beach	School		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Chapman Oaks, Inc.	Long Beach	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Long Beach Industrial District Park	Long Beach	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Sewage Collection System: Lift Stations, Water Treatment Facility	Long Beach	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Water Distribution System: Wells, Tanks, Treatment Facilities	Long Beach	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X
Emergency Operations Center	Pass Christian	EOC		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Fire Station 1	Pass Christian	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Fire Station 2	Pass Christian	Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Coastal Family Health Clinic	Pass Christian	Medical		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Police Station	Pass Christian	Police Station		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
City Hall	Pass Christian	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Pass Christian Library	Pass Christian	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Public Works Department	Pass Christian	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
High School	Pass Christian	School		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Middle School	Pass Christian	School		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Pass Christian Elementary School	Pass Christian	School		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Boys and Girls Club Gymnasium	Pass Christian	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Dixie White House	Pass Christian	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Henderson Avenue Bridges	Pass Christian	Transportation		X			X	X	X		X	X	X	X	X	X	X	X	X							X
Highway 90, Bay St. Louis Bridge	Pass Christian	Transportation		X				X	X		X	X	X	X	X	X	X	X	X				X		X	X
Menge Avenue Bridges	Pass Christian	Transportation		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Harrison County Wastewater And Solid Waste Management Authority, Long Beach And Pass Christian	Pass Christian	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	
Long Beach Pass Christian Wastewater Treatment	Pass Christian	Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X	
Water System	Pass Christian	Water/ Wastewater		X				X	X		X	X	X	X	X	X	X	X								X	
JACKSON COUNTY																											
EOC Radio Communication Tower		Comm		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Fontainebleau Radio Communication Tower		Comm		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	
Lily Orchard Radio Communication Tower		Comm		X		X		X	X		X	X	X	X	X	X	X	X								X	
Vancleave Radio Communication Tower		Comm		X				X	X		X	X	X	X	X	X	X	X						X		X	
County EOC		EOC		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X	

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Central Jackson County Fire Dept - Fontainebleau		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X		X	X
Central Jackson County Fire Dept - Vancleave		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X			X
East Central Nutbank Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
East Central Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
East Central Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X							X	X
Escatawpa Central Fire Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X	X		X
Fontainebleau Main Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Fontainebleau Sub Sta.		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Fort Bayou Volunteer Fire Dept - Station 1		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Fort Bayou Volunteer Fire Dept - Station 2		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Fort Bayou Volunteer Fire Dept - Station 3		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Fort Ramsay Fire Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X

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Forts Lake Main Sta.		Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Forts Lake Orange Grove Sub Sta.		Fire Station		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Gulf Park Est. Fire Sta.		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Helena Fire Sat.		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Latimer Main Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Latimer Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
North East Jackson County Fire Dept - East Central Station		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
North East Jackson County Fire Dept - Three Rivers Station		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
North Fire Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X
South Fire Sta.		Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X								X
St. Andrews Fire Sta.		Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Three Rivers North Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Three Rivers Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Vancleave May Lane Sta.		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X			X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone			Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Vancleave Mt Pleasant Sub Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X								X
Vancleave River Rd Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X								X
Vancleave Waltman Rd. Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X				X	X			X
West Jackson Co. Big Ridge Rd Sta.		Fire Station		X				X	X	X	X	X	X	X	X	X	X				X	X			X
West Jackson Co. Sub		Fire Station		X			X	X	X	X	X	X	X	X	X	X	X					X			X
Jackson County Sheriff Dept Substation - St. Martin		Police Station		X		X		X	X	X	X	X	X	X	X	X	X					X			X
Old School House		Private/Non-Profit		X				X	X	X	X	X	X	X	X	X	X				X	X		X	X
Aluminum Bleachers		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X							X	X
Baseball Concesion		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X							X	X
Batting Cage		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X							X	X
Boat Ramp - Wood		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X			X	X		X	X
City Hall Annex S		Public Facility		X		X		X	X		X	X	X	X	X	X	X				X	X	X	X	X
City Park Pavillion D		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X		X	X
City Park Pavillion E		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X		X	X
City Park Restroom		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X		X	X

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City Park Storage		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
County Health Department		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Football Concession		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Football Pressbox - N		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Football Pressbox - S		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Jackson County Complex		Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson County Complex - Jefferson Street		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Jackson County Fairgrounds (Primary POD site)		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson County Main Road Office		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X								X
Outside Property		Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Park Restrooms		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
PW Storage Barn		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X		X	X
PW Warehouse		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Recreation Dept.		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
School Hse Storage		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X



**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Senior Bldg		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Storage Bldg		Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Storage Warehouse		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X		X	X
Vancleave Arena (Secondary POD site)		Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Warehouse (Maint)		Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X		X	X
Alternative School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
East Central High School		School		X				X	X	X	X	X	X	X	X	X	X	X								X
East Central Lower Elementary		School		X				X	X	X	X	X	X	X	X	X	X	X								X
East Central Middle School		School		X				X	X	X	X	X	X	X	X	X	X	X								X
East Central Upper Elementary		School		X				X	X	X	X	X	X	X	X	X	X	X								X
Jackson County Alternative School - Vancleave		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Jackson County Technology Center - Vancleave		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Mississippi Gulf Coast Community College Gautier Campus		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Orange Lake Elementary		School		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
St. Martin East Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
St. Martin High School		School		X				X	X	X	X	X	X	X	X	X	X	X								X
St. Martin Middle School		School		X				X	X		X	X	X	X	X	X	X	X								X
St. Martin North Elementary School		School		X		X		X	X	X	X	X	X	X	X	X	X	X					X			X
St. Martin Upper Elementary School		School		X				X	X		X	X	X	X	X	X	X	X								X
Vancleave High School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Vancleave Lower Elementary		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Vancleave Middle School		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Vancleave Upper Elementary		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Vocational Technical Center		School		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Central Jackson County Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
East Jackson County Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X							X	X
West Jackson County Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Big Oaks Trailer Park - Moss Point		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Bluff Creek Campground		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Camp Journey's End Campground		Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X			X
Martin Lake Resort		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Presley's Outing		Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X								X
River Oaks Trailer Park - Moss Point		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Riverbend Park Resort		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X								X
Santa Maria Campground		Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X			X
White Sands Campground		Special Populations		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Woodland Park Mobile Home Village - Moss Point		Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson County Airport		Transportation		X		X		X	X		X	X	X	X	X	X	X	X					X		X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Ocean Springs Airport (private)		Transportation		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Jackson County Utility Authority WWTP - Moss Point		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Jackson County Utility Authority WWTP - Pascagoula		Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Jackson County Utility Authority WWTP - Vancleave		Water/ wastewater		X				X	X		X	X	X	X	X	X	X	X								X
River Pump Station		Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X				X	X			X
Water Tower-Rear of 2502 College Circle		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Water Tower-Next to 1416 Lark Dr.		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Water Tower (Mall)- W of 290 Dolphin Dr.		Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X	X				X		X	X
Water Well #1 & #6		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Water Well #10		Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Water Well #11		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Water Well #4		Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X								X
Water Well #7		Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X	X				X		X	X
Water Well #8		Water/ wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Water Well #9		Water/ wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X							X	X
Central Fire Sta.	Gautier	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Martin Bluff Fire Sta.	Gautier	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Willie Ladnnier Fire Sta.	Gautier	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Gautier Police Dept.	Gautier	Police Station		X		X		X	X		X	X	X	X	X	X	X	X				X	X		X	X
City Hall North	Gautier	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X		X	X
College Park Elementary	Gautier	School		X		X		X	X		X	X	X	X	X	X	X	X					X	X	X	X
Gautier Elementary School	Gautier	School		X		X		X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Gautier High School	Gautier	School		X				X	X		X	X	X	X	X	X	X	X					X			X
Gautier Middle School	Gautier	School		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Martin Bluff Elementary School	Gautier	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Singing River Elementary School	Gautier	School		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone				Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Moss Point Central Fire Station	Moss Point	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Moss Point Dr. M. L. K. Fire Station	Moss Point	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Moss Point Kreole Fire Station	Moss Point	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Moss Point North Fire Station	Moss Point	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X
City of Moss Point Police Dept.	Moss Point	Police Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
City of Moss Point (City Hall)	Moss Point	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
City of Moss Point (Public Works)	Moss Point	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Alternative Learning Center	Moss Point	School		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Charlotte Hyatt Elementary School	Moss Point	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
East Park Elementary School	Moss Point	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Escatawpa Elementary	Moss Point	School		X		X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X
God's Little Angels	Moss Point	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Kidde Kollege	Moss Point	School		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Kreole Elementary School	Moss Point	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X

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Little People Learning Center	Moss Point	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Magnolia Junior High School	Moss Point	School		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Moss Point High School	Moss Point	School		X				X	X	X	X	X	X	X	X	X	X	X					X			X
The Punkin Patch	Moss Point	School		X	X			X	X	X	X	X	X	X	X	X	X	X			X	X	X			X
University of Lil' Tots	Moss Point	School		X		X		X	X	X	X	X	X	X	X	X	X	X			X	X	X			X
West Elementary School	Moss Point	School		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X
1st Missionary Baptist Church	Moss Point	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
2nd Missionary Baptist Church	Moss Point	Shelter		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
East Park School	Moss Point	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Emergency Shelter	Moss Point	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Johnson House Personal Care Home	Moss Point	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X
Pathway Personal Care Home	Moss Point	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Providence Home Care	Moss Point	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Rehabilitation Centers	Moss Point	Special Populations		X	X			X	X	X	X	X	X	X	X	X	X	X			X	X	X			X



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Serenity Assisted Living Manor	Moss Point	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X
Singing River Rehab & Nursing	Moss Point	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
We Care Hospice	Moss Point	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Lift stations, wells, and pumping stations in the City	Moss Point	Water/ wastewater		X				X	X		X	X	X	X	X	X	X	X								X
EOC	Ocean Springs	EOC		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Fire Station 1-- Central	Ocean Springs	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Fire Station 2-- Bernard Beaugez	Ocean Springs	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Fire Station 3-- Champ Gay	Ocean Springs	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Fire Station 4-- Main/EOC	Ocean Springs	Fire Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Hospital	Ocean Springs	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
On Call Urgent Care Center	Ocean Springs	Medical		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Police Station	Ocean Springs	Police Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Police Station	Ocean Springs	Police Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

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Ocean Springs Police Station/Jail/Court-Under Construction	Ocean Springs	Police Station		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Mary C. O’Keefe Cultural Center for Arts and Education	Ocean Springs	Private/Non-Profit		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Walter Anderson Museum	Ocean Springs	Private/Non-Profit		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Armory Building	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Fort Maurepas	Ocean Springs	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Ocean Springs City Hall	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Civic Center	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Community Center	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Harbor--County Building	Ocean Springs	Public Facility		X			X	X	X		X	X	X	X	X	X	X	X	X				X		X	X
Ocean Springs Human Resources	Ocean Springs	Public Facility		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Library	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Parks & Recreation	Ocean Springs	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X					X		X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Ocean Springs Planning Dept.	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Public Works	Ocean Springs	Public Facility		X				X	X		X	X	X	X	X	X	X	X								X
Ocean Springs Public Works Maintenance Bldg	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Senior Center	Ocean Springs	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Alternative Education Center	Ocean Springs	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Elizabeth H. Keys Technology Center	Ocean Springs	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Grace Baptist Academy	Ocean Springs	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Greyhound Stadium Fieldhouse	Ocean Springs	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Magnolia Park Elementary	Ocean Springs	School		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X
Oak Park Elementary	Ocean Springs	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs High School	Ocean Springs	School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Middle School	Ocean Springs	School		X		X		X	X	X	X	X	X	X	X	X	X	X					X		X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Ocean Springs School District Administration Bldg	Ocean Springs	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Pecan Park Elementary	Ocean Springs	School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
St. Alphonsus Catholic School	Ocean Springs	School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Taconi School	Ocean Springs	School		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
University of Southern Mississippi – Gulf Coast Research	Ocean Springs	School		X		X		X	X	X	X	X	X	X	X	X	X	X								X
Dorchester Arms	Ocean Springs	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Nursing Center	Ocean Springs	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Samaritan House Retirement Apartments	Ocean Springs	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
The Gardens	Ocean Springs	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Villa Maria Retirement Apartments	Ocean Springs	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Ocean Springs Airport	Ocean Springs	Transportation		X		X		X	X	X	X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards						
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Water Tower- 405 Halstead Drive	Ocean Springs	Water/ wastewater		X				X	X	X	X	X	X	X	X					X		X	X	
Water Tower- 828 Handy Road	Ocean Springs	Water/ wastewater		X				X	X	X	X	X	X	X	X				X	X	X	X	X	
Water Tower- 514 Washington Avenue	Ocean Springs	Water/ wastewater		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Water Tower- 602 Pine Drive	Ocean Springs	Water/ wastewater		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Water Tower- (Civic Center) 3706 Highway 90	Ocean Springs	Water/ wastewater		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Water Tower and Well- Sunplex Industrial Park	Ocean Springs	Water/ wastewater		X				X	X		X	X	X	X	X				X	X			X	
Water Well- 3044 Pabst Rd	Ocean Springs	Water/ wastewater		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Water Well- 1501 Deana Road	Ocean Springs	Water/ wastewater		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Bell South Switching Station	Pascagoula	Comm		X	X			X	X		X	X	X	X	X					X	X	X	X	
Jackson County Emergency Management Agency	Pascagoula	EOC		X	X			X	X		X	X	X	X	X				X	X	X	X	X	
Bayou Cassette Fire Station	Pascagoula	Fire Station		X	X			X	X	X	X	X	X	X	X					X			X	
Central Fire Station	Pascagoula	Fire Station		X		X		X	X		X	X	X	X	X				X	X	X	X	X	

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Lake Fire Station	Pascagoula	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
Acadian Ambulance Service	Pascagoula	Medical		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Singing River Hospital	Pascagoula	Medical		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson County Sheriff's Department	Pascagoula	Police Station		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Pascagoula Police Department	Pascagoula	Police Station		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Mississippi Power Company Work Yard	Pascagoula	Power/Gas		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
American Red Cross	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Blossman Propane	Pascagoula	Private/Non-Profit		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Central Appliance	Pascagoula	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Chevron Products	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
First Chemical	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Gulf Concrete	Pascagoula	Private/Non-Profit		X		X		X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Gulf Sales and Supply	Pascagoula	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought  Lightning  Wildfire	Earthquake  Extreme Cold  Extreme Heat/ Heat Wave	Hailstorm  Hurricane and Tropical Storm Severe Thunderstorm/ High Wind	Tornado  Winter Weather  Sea Level Rise- 3 feet Fixed HAZMAT – 0.5 mile Fixed HAZMAT – 1.0 mile Mobile HAZMAT – 0.5 mile (road) Mobile HAZMAT – 1.0 mile (road) Mobile HAZMAT – 0.5 mile (rail) Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease																	
Jerry Lee’s Grocery and Market	Pascagoula	Private/Non-Profit		X	X			X	X	X	X	X	X	X	X	X										X
Lowe’s Building Supply	Pascagoula	Private/Non-Profit		X		X		X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X
Midstream Fuel Service	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X			X		X	X	X	X	X
Pandle Incorporated	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X			X		X		X	X	X
Rolls Royce Naval Marine 3	Pascagoula	Private/Non-Profit		X	X			X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
Sav-A-Lot Grocery	Pascagoula	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X				X	X	X	X	X	X
Signal International	Pascagoula	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X		X	X		X	X	X	X	X
The Salvation Army	Pascagoula	Private/Non-Profit		X	X			X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X
Wal-Mart	Pascagoula	Private/Non-Profit		X				X	X		X	X	X	X	X	X	X				X	X	X	X	X	X
Wayne Lee’s Grocery and Market	Pascagoula	Private/Non-Profit		X		X		X	X		X	X	X	X	X	X	X				X	X	X	X	X	X
Jackson County Board of Supervisors	Pascagoula	Public Facility		X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X	X
Jackson County Jail	Pascagoula	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X
Pascagoula City Hall	Pascagoula	Public Facility		X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X	X
Pascagoula Public Housing Authority	Pascagoula	Public Facility		X		X		X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X



**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Pascagoula Public Works Dept - Yard and Building Department	Pascagoula	Public Facility		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
U.S. Coast Guard Facility	Pascagoula	Public Facility		X	X			X	X		X	X	X	X	X					X	X	X	X	
Applied Technology Center	Pascagoula	School		X	X			X	X		X	X	X	X	X					X	X	X	X	
Arlington Heights Elementary School	Pascagoula	School		X	X			X	X	X	X	X	X	X	X			X		X		X	X	
Beach Elementary School	Pascagoula	School		X	X			X	X		X	X	X	X	X							X	X	
Bethel Academy	Pascagoula	School		X	X			X	X	X	X	X	X	X	X			X					X	
Central Elementary School	Pascagoula	School		X	X			X	X		X	X	X	X	X					X	X	X	X	
Cherokee Elementary School	Pascagoula	School		X	X			X	X	X	X	X	X	X	X								X	
Colmer Middle School	Pascagoula	School		X	X			X	X		X	X	X	X	X					X		X	X	
Eastlawn Elementary School	Pascagoula	School		X	X			X	X	X	X	X	X	X	X								X	
Fair Elementary School	Pascagoula	School		X		X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Family Interactive Center	Pascagoula	School		X	X			X	X		X	X	X	X	X					X	X	X	X	

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion  Flood – 100 year Flood – 500 year Flood – VE-zone			Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Instructional Administrative Service Center	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X					X	X	X	X
Jackson County School for Exceptional Children	Pascagoula	School		X		X		X	X		X	X	X	X	X	X	X				X	X	X	X	X
Jackson Elementary School	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X					X		X	X
Lake Elementary School	Pascagoula	School		X		X		X	X	X	X	X	X	X	X	X	X				X	X		X	X
Opportunity Center	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X					X	X	X	X
Pascagoula High School	Pascagoula	School		X		X		X	X		X	X	X	X	X	X	X					X	X	X	X
Pascagoula Opportunity Center	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X					X	X	X	X
Pascagoula Vocational Technical Center	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X					X	X	X	X
Resurrection Catholic Elementary School	Pascagoula	School		X	X			X	X	X	X	X	X	X	X	X	X			X					X
Resurrection Middle/High School	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X
St. Peter the Apostle Catholic School	Pascagoula	School		X		X		X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Sugar Bear's Daycare	Pascagoula	School		X		X		X	X		X	X	X	X	X	X	X				X	X	X	X	X

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Trent Lott Middle School	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X	X					X		X	X
William H. Colmer Jr. High	Pascagoula	School		X	X			X	X		X	X	X	X	X	X	X	X					X		X	X
Bay Tower Assisted Living	Pascagoula	Special Populations		X				X	X		X	X	X	X	X	X	X	X								X
Chateau Deville Nursing Home	Pascagoula	Special Populations		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Plaza Community Living Center	Pascagoula	Special Populations		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Restoration Adult Home Care Center	Pascagoula	Special Populations		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Willow Creek Senior Housing	Pascagoula	Special Populations		X	X			X	X		X	X	X	X	X	X	X	X					X		X	X
14th Street Well	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
A Blue Lake LiftStation	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
A North Market Well	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Bayou Cassotte Water Purification Plant and Well 3	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X			X
Beach Well	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X						X	X	X
Belair/Monclair Lift Station	Pascagoula	Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X					X		X	X

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Belair/Washington Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X								X
Briarwood Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Chicot and Ingalls Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X			X					X
Communny Water Purification Plant and Well #1, #2 & #3	Pascagoula	Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X					X		X	X
Criswell Water Purification Plant	Pascagoula	Water/ wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Delmas Lift Station	Pascagoula	Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Douglas Well	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X			X					X
Emerson Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Ford Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Hospital! Old Mobile Lift Station	Pascagoula	Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Jackson County Utility Authority Wastewater Treatment Facility	Pascagoula	Water/ wastewater		X	X			X	X		X	X	X	X	X	X	X	X					X	X	X	X
Kenneth Lift Station	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Live Oak Lift Station	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Louise Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X			X		X		X	X
Magnolia Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Market/Parsley Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X							X	X
Moreland Lift Station	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
North River Road Lift Station	Pascagoula	Water/ wastewater		X			X	X	X		X	X	X	X	X	X	X	X	X				X	X	X	X
Orchard Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
Pine Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Poitevin Lift Station	Pascagoula	Water/ wastewater		X				X	X	X	X	X	X	X	X	X	X	X								X
Searstown Lift Station	Pascagoula	Water/ wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Searstown Well	Pascagoula	Water/ wastewater		X		X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Sherwood Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X					X		X	X
South River Road Lift Station	Pascagoula	Water/ wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Telephone Well	Pascagoula	Water/ wastewater		X		X		X	X		X	X	X	X	X	X	X	X				X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards									
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease	
Washington Bayou Lift Station	Pascagoula	Water/ wastewater		X			X	X	X	X	X	X	X	X	X	X	X	X			X					X	
PEARL RIVER COUNTY																											
Carriere Volunteer Fire Department 1		Fire Station		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X	
Carriere Volunteer Fire Department 2 (Hide-A-Way Lake)		Fire Station	X	X				X	X	X	X	X	X	X	X	X	X	X				X	X			X	
Carriere Volunteer Fire Department 3		Fire Station		X				X	X		X	X	X	X	X	X	X	X								X	
Carriere Volunteer Fire Department 4 (Anchor Lake)		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X	
Henleyfield Volunteer Fire Department 1		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X	
Leetown Volunteer Fire Department		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X	
McNeill Volunteer Fire Department 1		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	
North Central Volunteer Fire Department 2		Fire Station		X				X	X		X	X	X	X	X	X	X	X								X	
Northeast Volunteer Fire Department 1		Fire Station		X				X	X		X	X	X	X	X	X	X	X								X	
Northeast Volunteer Fire Department 2		Fire Station		X				X	X		X	X	X	X	X	X	X	X								X	

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Pearl River County Courthouse		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Pearl River County Road Department		Transportation		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Sewer Lift Station		Water/ Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
South Repeater	Picayune	Comm		X				X	X		X	X	X	X	X	X	X	X								X
Nicholson Volunteer Fire Department 1	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Picayune Fire Department Central Station	Picayune	Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X			X
Picayune Fire Station No. 1	Picayune	Fire Station		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Picayune Fire Station No. 3	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X
Pine Grove Volunteer Fire Department 1	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Pine Grove Volunteer Fire Department 2	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X					X			X
Southeast Volunteer Fire Department 1	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Southeast Volunteer Fire Department 2	Picayune	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X

**SECTION 6: VULNERABILITY ASSESSMENT**

			Flood-Related				Fire-Related			G	Wind-Related							Other Hazards								
FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Covenant Health and Rehab	Picayune	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Highland Community Hospital	Picayune	Medical		X				X	X		X	X	X	X	X	X	X	X			X	X	X	X	X	X
Pearl River Dialysis Unit	Picayune	Medical		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Picayune Criminal Justice Center	Picayune	Police Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Picayune Police Department	Picayune	Police Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
County Office Building	Picayune	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
National Guard Amory	Picayune	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Picayune City Hall	Picayune	Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Picayune Public Works	Picayune	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Pearl River County Resource Center/Manna Ministries	Picayune	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Picayune 1st Baptist Church	Picayune	Shelter		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Roseland Park Elementary	Picayune	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Sewer Lift Station-203 Memorial Blvd.	Picayune	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X



**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Sewer Lift Station-703 Hwy. 11 North	Picayune	Water/Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Sewer Lift Station-Read Road	Picayune	Water/Wastewater		X	X			X	X		X	X	X	X	X	X	X	X				X	X		X	X
Sewer Lift Station-South Beech	Picayune	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X
Sewer Lift Station-900 S. Beech	Picayune	Water/Wastewater		X	X			X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X
Sewer Treatment Plant-Airport Road	Picayune	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X
Sewer Treatment Plant-Neal Road	Picayune	Water/Wastewater		X				X	X	X	X	X	X	X	X	X	X	X						X	X	X
Central Repeater	Poplarville	Comm		X				X	X		X	X	X	X	X	X	X	X								X
Emergency Communication’s Tower	Poplarville	Comm		X				X	X		X	X	X	X	X	X	X	X								X
Poplarville Repeater	Poplarville	Comm		X				X	X		X	X	X	X	X	X	X	X								X
West Repeater	Poplarville	Comm		X				X	X		X	X	X	X	X	X	X	X								X
Pearl River County Emergency Management	Poplarville	EOC		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Amackertown Volunteer Fire Department Station 1	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Amackertown Volunteer Fire Department Station 2	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
Crossroads Fire Department 1	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
Derby/Whitesand Volunteer Fire Department 1	Poplarville	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Derby/Whitesand Volunteer Fire Department 2	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
North Central Volunteer Fire Department 1	Poplarville	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X								X
Poplarville Fire Department	Poplarville	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Steephollow Volunteer Fire Department 1	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
Steephollow Volunteer Fire Department 2	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X
Steephollow Volunteer Fire Department 3	Poplarville	Fire Station		X				X	X		X	X	X	X	X	X	X	X								X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
Steephollow Volunteer Fire Department 4	Poplarville	Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Pearl River County Hospital & Nursing Home	Poplarville	Medical		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Poplarville Police Department	Poplarville	Police Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
National Guard Amory	Poplarville	Public Facility		X	X			X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Poplarville City Hall	Poplarville	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Poplarville Public Works	Poplarville	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Poplarville 1st Baptist Church	Poplarville	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Poplarville Middle School	Poplarville	Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X		X	X
Sewer Treatment Plant	Poplarville	Water/ Wastewater		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
STONE COUNTY																										
Wiggins Fire Department		Fire Station		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Stone County Hospital		Medical		X				X	X		X	X	X	X	X	X	X	X				X	X			X
Stone Co. Sheriff Department		Police Station		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X

**SECTION 6: VULNERABILITY ASSESSMENT**

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FACILITY NAME	CITY/TOWN (if applicable)	FACILITY TYPE	Dam and Levee Failure	Erosion	Flood – 100 year	Flood – 500 year	Flood – VE-zone	Drought	Lightning	Wildfire	Earthquake	Extreme Cold	Extreme Heat/ Heat Wave	Hailstorm	Hurricane and Tropical Storm	Severe Thunderstorm/ High Wind	Tornado	Winter Weather	Sea Level Rise- 3 feet	Fixed HAZMAT – 0.5 mile	Fixed HAZMAT – 1.0 mile	Mobile HAZMAT – 0.5 mile (road)	Mobile HAZMAT – 1.0 mile (road)	Mobile HAZMAT – 0.5 mile (rail)	Mobile HAZMAT – 1.0 mile (rail)	Infectious Disease
MS Power Main Sub-Station		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
MS Power Sub-Station		Power/Gas		X				X	X		X	X	X	X	X	X	X	X							X	X
MS Power Sub-Station		Power/Gas		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Flint Creek Reservoir Dam		Public Facility	X	X				X	X		X	X	X	X	X	X	X	X				X	X			X
Regional Correctional Facility		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Stone County Courthouse		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Stone County Health Department		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
US Postal Perkinson		Public Facility		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
US Postal Wiggins		Public Facility		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
MS Gulf Coast Community College		School		X				X	X		X	X	X	X	X	X	X	X				X	X	X	X	X
Perkinson Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Stone Elementary School		School		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Stone High School		School		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Stone Middle School		School		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X

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Perkinston Elementary School/Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Stone Elementary School/Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X			X
Stone High School/Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
Stone Middle School/Shelter		Shelter		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X
MS Hwy 26/ Hwy 49 Intersection		Transportation		X				X	X		X	X	X	X	X	X	X	X				X	X			X
US Highway 49		Transportation		X				X	X		X	X	X	X	X	X	X	X								X
Stone County 911 Center	Wiggins	Comm		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Stone Co. Emergency Operation/Communica-tion Center	Wiggins	EOC		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Wiggins Police Department	Wiggins	Police Station		X				X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Wiggins City Hall	Wiggins	Public Facility		X				X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

