# Flood Management Evaluation (FME)

## Title
City of Hunters Creek Village Master Drainage Plan

## ID
061000247

## Sponsor (name of entity, not person)
Hunters Creek Village (Municipality)

## RFPG recommend?
- Reason for Recommendation -

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
</tr>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>-</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Harris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watershed HUC# (if known)</td>
<td>120401040303</td>
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<table>
<thead>
<tr>
<th>Drainage area (Square miles, est.)</th>
<th>2</th>
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</thead>
<tbody>
<tr>
<td>Goal(s)</td>
<td>06000001,06000011,06000012,06000015</td>
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### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>369</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>108</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>1</td>
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<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Historical road closures</td>
<td>0</td>
<td></td>
</tr>
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</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Available Funding</td>
<td>-</td>
</tr>
<tr>
<td>Federal funding availability</td>
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## Regional view of FME area

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### Flood Management Evaluation (FME)

**Title:** City of Huntsville Master Drainage Plan  
**ID#:** 061000248  
**Sponsor:** Huntsville (Municipality)  
**RFPG recommend?** -  
**Reason for Recommendation** -

#### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
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<tbody>
<tr>
<td>Study description</td>
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<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
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<tr>
<td>Emergency Need?</td>
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<tr>
<td>Existing/Anticipated models in near term?</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Walker</th>
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<tbody>
<tr>
<td>Watershed HUC# (if known)</td>
<td>120401010104,120401010102,120401010201,120401010202,120401030</td>
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<tr>
<td>Drainage area (Square miles, est.)</td>
<td>43</td>
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<tr>
<td>Goal(s)</td>
<td>06000001,06000011,06000012,06000015</td>
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#### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>349</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>114</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>1</td>
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</table>

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Riverine?</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
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<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>3</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Estimated Cost and Funding Availability

| Total Cost | $800,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |

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**SAN JACINTO REGIONAL FLOOD PLANNING GROUP**

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: City of Iowa Colony Master Drainage Plan
ID#: 061000249
Sponsor (name of entity, not person): Iowa Colony (Municipality)
RFPG recommend?: -
Reason for Recommendation: -

Study Details
Study type: Project Planning
Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

County: Brazoria
Watershed HUC# (if known): 120402040400
Drainage area (Square miles, est.): 9

New Hydrologic or Hydraulic model?: -
Emergency Need?: -
Existing/Anticipated models in near term?: -

Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary
Population at risk: 1,448
# of structures: 1,162
Critical facilities: 1
Flood risk type: Riverine? Yes, Coastal? No, Local? No, Playa? No
Farm/Ranch land impacted (acres): 339
Roadway(s) impacted (length): 28
Number of low water crossings: 0
Historical road closures: 0

Estimated Cost and Funding Availability
Total Cost: $200,000
Amount of Available Funding: -
Federal funding availability: -
Funding source: -

FME Area Regional view of FME area
## Flood Management Evaluation (FME)

### Title
City of Jacinto City Master Drainage Plan

### ID#
061000250

### Sponsor (name of entity, not person)
Jacinto City (Municipality)

### RFPG recommend?
- 

### Reason for Recommendation
- 

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
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<tbody>
<tr>
<td>Study description</td>
<td>Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall</td>
</tr>
</tbody>
</table>

| New Hydrologic or Hydraulic model? | - |
| Emergency Need? | - |
| Existing/Anticipated models in near term? | - |

| County | Harris |
| Watershed HUC# (if known) | 120401040701 |

| Drainage area (Square miles, est.) | 2 |
| Goal(s) | 06000001, 06000011, 06000012, 06000015 |

### 100-Year Flood Risk Summary

| Population at risk | 41 |
| # of structures | 10 |
| Critical facilities | 0 |

| Flood risk type: | Riverine? | Yes |
| Coastal? | Yes |
| Local? | No |
| Playa? | No |
| Farm/Ranch land impacted (acres) | 0 |
| Roadway(s) impacted (length) | 0 |
| Number of low water crossings | 0 |
| Historical road closures | 0 |

### Estimated Cost and Funding Availability

| Total Cost | $100,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |
| Funding source | - |

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**FME Area**

**Regional view of FME area**
### Flood Management Evaluation (FME)

**Title:** City of Jamaica Beach Master Drainage Plan

**ID:** 061000251

**Sponsor (name of entity, not person):** Jamaica Beach (Municipality)

**RFPG recommend?** -  
**Reason for Recommendation** -

### Study Details

**Study type:** Project Planning

**Study description:** Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall data.

**New Hydrologic or Hydraulic model?** -  
**Emergency Need?** -  
**Existing/Anticipated models in near term?** -

**County:** Galveston

**Watershed HUC# (if known):** 120402040300

**Drainage area (Square miles, est.):** 1  
**Goal(s):** 06000001, 06000011, 06000012, 06000015

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>395</td>
<td>1,276</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
<th>Yes</th>
<th>Coastal?</th>
<th>Yes</th>
<th>Local?</th>
<th>No</th>
<th>Playa?</th>
<th>No</th>
<th>Other?</th>
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<tbody>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>-</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Roadway(s) impacted (length)</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Historical road closures</td>
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### Estimated Cost and Funding Availability

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<thead>
<tr>
<th>Total Cost</th>
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<th>-</th>
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![FME Area Regional view of FME area](FME Area Regional view of FME area)
### Flood Management Evaluation (FME)

**Title:** City of Jersey Village Master Drainage Plan

**ID#:** 061000252

**Sponsor (name of entity, not person):** Jersey Village (Municipality)

**RFPG recommend?** - **Reason for Recommendation** -

#### Study Details

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<th>Study type</th>
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<tbody>
<tr>
<td>Project Planning</td>
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<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Watershed HUC# (if known)</th>
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<tbody>
<tr>
<td>Harris</td>
<td>120401040302,120401040301</td>
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<table>
<thead>
<tr>
<th>Drainage area (Square miles, est.)</th>
<th>Goal(s)</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>06000001,06000011,06000012,06000015</td>
</tr>
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</table>

#### 100-Year Flood Risk Summary

- **Population at risk:** 8,252
- **# of structures:** 896
- **Critical facilities:** 12
- **Flood risk type:** Riverine? Yes, Coastal? No, Local? No, Playa? No
- **Farm/Ranch land impacted (acres):** -
- **Roadway(s) impacted (length):** 14
- **Number of low water crossings:** 0
- **Historical road closures:** 0

#### Estimated Cost and Funding Availability

- **Total Cost:** $100,000
- **Amount of Available Funding:** -
- **Federal funding availability:** -

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**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: City of Katy Master Drainage Plan
ID#: 061000253
Sponsor (name of entity, not person): Katy (Municipality)
RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Project Planning
Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -
Emergency Need?: -
Existing/Anticipated models in near term?: -
County: Fort Bend, Harris, Waller
Watershed HUC# (if known): 120401040102, 120401040103, 120401040104, 120401040101, 1204010401
Drainage area (Square miles, est.): 15
Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 2,216
# of structures: 546
Critical facilities: 8
Flood risk type: Riverine? Yes
Coastal? No
Local? No
Playa? No
Farm/Ranch land impacted (acres): 22
Roadway(s) impacted (length): 10
Number of low water crossings: 4
Historical road closures: 4

Estimated Cost and Funding Availability

Total Cost: $300,000
Amount of Available Funding: -
Federal funding availability: -
Funding source: -

FME Area

Regional view of FME area
Flood Management Evaluation (FME)

Title: City of Kemah Master Drainage Plan

ID#: 061000254

Sponsor (name of entity, not person): Kemah (Municipality)

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Galveston, Chambers

Watershed HUC# (if known): 120402040200, 120402040100

Drainage area (Square miles, est.): 2

Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 3,492

# of structures: 562

Critical facilities: 7

Flood risk type: Riverine? Yes, Coastal? Yes, Local? No, Playa? No

Farm/Ranch land impacted (acres): 1

Roadway(s) impacted (length): 12

Number of low water crossings: -

Historical road closures: -

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of La Marque - East Side Storm water detention

ID#: 061000087

Sponsor (name of entity, not person): La Marque (Municipality)

RFPG recommend?: - Reason for Recommendation: -

Study Details

Study type: Project Planning
Study description: Feasibility study and a drainage analysis of the new pond row acquisition and associated conveyance improvements on a part of 10 acres of land.

New Hydrologic or Hydraulic model?: - Emergency Need?: - Existing/Anticipated models in near term?: -

County: Galveston Watershed HUC# (if known): 120402040200
Drainage area (Square miles, est.): 14 Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 1,612 Number of structures: 829 Critical facilities: 8
Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No
Farm/Ranch land impacted (acres): 38 Roadway(s) impacted (length): 31
Number of low water crossings: 1 Historical road closures: 1

Estimated Cost and Funding Availability

Total Cost: $80,000 Amount of Available Funding: - Federal funding availability: -
Funding source: -

FME Area

Regional view of FME area
# Flood Management Evaluation (FME)

## Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
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<tbody>
<tr>
<td>Study description</td>
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<tr>
<td>New Hydrologic or Hydraulic model?</td>
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<tr>
<td>Emergency Need?</td>
<td>-</td>
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<tr>
<td>Existing/Anticipated models in near term?</td>
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<tr>
<td>County</td>
<td>Galveston</td>
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<tr>
<td>Watershed HUC# (if known)</td>
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<tr>
<td>Drainage area (Square miles, est.)</td>
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</tr>
<tr>
<td>Goal(s)</td>
<td>06000001, 06000011, 06000012, 06000015</td>
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</tbody>
</table>

## 100-Year Flood Risk Summary

| Population at risk | 1,612 |
| Riverine? | Yes |
| Coastal? | Yes |
| Local? | No |
| Playa? | No |
| Farm/Ranch land impacted (acres) | 38 |
| Number of low water crossings | 1 |
| Roadway(s) impacted (length) | 31 |
| Historical road closures | 1 |
| Flood risk type: Coastal? Riverine? Local? Playa? | Yes |

## Estimated Cost and Funding Availability

| Total Cost | $300,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |
| Funding source | - |

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### FME Area

- Galveston
- La Marque
- Hitchcock

### Regional view of FME area

- College Station
- Sam Houston National Forest
- The Woodlands
- Beaumont
- Houston
- Victoria

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This document outlines the Flood Management Evaluation (FME) for the City of La Marque. The study details include the type, description, and associated models and data. The 100-Year Flood Risk Summary provides the population at risk, number of structures, critical facilities, and other relevant data. The estimated cost and funding availability section indicates the financial details of the project.
Flood Management Evaluation (FME)

**Title**
City of La Porte - Master Drainage Plan

**ID#**
061000256

**Sponsor (name of entity, not person)**
La Porte (Municipality)

**RFPG recommend?**
-  
**Reason for Recommendation**
-  

**Study Details**

**Study type**
Project Planning

**Study description**
Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

**New Hydrologic or Hydraulic model?**
-  
**Emergency Need?**
-  
**Existing/Anticipated models in near term?**
-  

**County**
Harris

**Watershed HUC# (if known)**
120401040706, 120402040100

**Drainage area (Square miles, est.)**
20

**Goal(s)**
06000001, 06000011, 06000012, 06000015

**100-Year Flood Risk Summary**

**Population at risk**
10,336

**# of structures**
2,533

**Critical facilities**
32

**Flood risk type:**
Riverine? Yes  
Coastal? Yes  
Local? No  
Playa? No

**Farm/Ranch land impacted (acres)**
15

**Number of low water crossings**
0

**Roadway(s) impacted (length)**
54

**Historical road closures**
0

**Estimated Cost and Funding Availability**

**Total Cost**
$400,000

**Amount of Available Funding**
-  

**Federal funding availability**
-  

**FME Area Region of FME area**

**Regional view of FME area**
# Flood Management Evaluation (FME)

## Title
City of League City - Kansas Street Drainage

## ID#
061000088

## Sponsor (name of entity, not person)
League City (Municipality)

## RFPG recommend?
- Reason for Recommendation

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Further study and FMP development of proposed street drainage modifications to Kansas Street.</td>
</tr>
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<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>-</td>
</tr>
<tr>
<td>County</td>
<td>Galveston,Harris</td>
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<tr>
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<td>Drainage area (Square miles, est.)</td>
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<tr>
<td>Goal(s)</td>
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### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>20,978</td>
<td>5,251</td>
<td>25</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>105</td>
<td>2</td>
</tr>
</tbody>
</table>

| Farm/Ranch land impacted (acres) | 1,308 |
| Number of low water crossings   | 2     |

### Estimated Cost and Funding Availability

| Total Cost | $80,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |

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### Maps

- [FME Area](#)
- [Regional view of FME area](#)
Flood Management Evaluation (FME)

Title: City of League City Master Drainage Plan
ID#: 061000257
Sponsor (name of entity, not person): League City (Municipality)
RFPG recommend?: - 

Study Details

Study type: Project Planning
Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: - 
Emergency Need?: - 
Existing/Anticipated models in near term?: -

County: Galveston, Harris
Watershed HUC# (if known): 120402040200, 120402040100

Drainage area (Square miles, est.): 53
Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 20,978
# of structures: 5,251
Critical facilities: 25
Flood risk type: Riverine? Yes, Coastal? Yes, Local? No, Playa? No
Farm/Ranch land impacted (acres): 1,308
Roadway(s) impacted (length): 105
Number of low water crossings: 2
Historical road closures: 2

Estimated Cost and Funding Availability

Total Cost: $900,000
Amount of Available Funding: -
Federal funding availability: -
Funding source: -

[Map of the FME area]
Flood Management Evaluation (FME)

Title: City of Liverpool Master Drainage Plan

ID#: 061000258

Sponsor (name of entity, not person): Liverpool (Municipality)

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Brazoria

Watershed HUC# (if known): 120402040400

Drainage area (Square miles, est.): 1

Goal(s): 060000001, 060000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 104

# of structures: 130

Critical facilities: 0

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Farm/Ranch land impacted (acres): 5

Roadway(s) impacted (length): 3

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Magnolia Master Drainage Plan

ID#: 061000259

Sponsor (name of entity, not person): Magnolia (Municipality)

RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Project Planning
Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -
Emergency Need?: -
Existing/Anticipated models in near term?: -

County: Montgomery
Watershed HUC# (if known): 120401020204, 120401020207, 120401020208

Drainage area (Square miles, est.): 3
Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 60
# of structures: 23
Critical facilities: 0

Flood risk type: Riverine? Yes
Coastal? No
Local? No
Playa? No

Farm/Ranch land impacted (acres): 0
Roadway(s) impacted (length): 1

Number of low water crossings: 0
Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000
Amount of Available Funding: -
Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Manvel Master Drainage Plan

ID# 061000260

Sponsor (name of entity, not person): Manvel (Municipality)

RFPG recommend?: -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Brazoria

Watershed HUC# (if known): 120402040200,120402040400,120402040100

Drainage area (Square miles, est.): 27

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 8,190

# of structures: 1,250

Critical facilities: 8

Flood type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Roadway(s) impacted (length): 43

Number of low water crossings: 0

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $500,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Title: City of Manvel Flora St. Drainage Improvements

ID#: 061000045

Sponsor (name of entity, not person): Manvel (Municipality)

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Brazoria

Watershed HUC# (if known): 120402040200,120402040400,120402040100

Drainage area (Square miles, est.): 27

Goal(s): 06000001,06000011,06000012,06000015

**100-Year Flood Risk Summary**

Population at risk: 8,190

# of structures: 1,250

Critical facilities: 8

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Farm/Ranch land impacted (acres): 179

Roadway(s) impacted (length): 43

Number of low water crossings: 0

Historical road closures: 0

**Estimated Cost and Funding Availability**

Total Cost: $50,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Manvel Gates Loop Subdivision Drainage Improvement

ID#: 061000059

Sponsor (name of entity, not person): Manvel (Municipality)

RFPG recommend?: - Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Further study proposed Gates Loop subdivision drainage improvement.

New Hydrologic or Hydraulic model?: - Emergency Need?: - Existing/Anticipated models in near term?: -

County: Brazoria

Watershed HUC#: 120402040400

Drainage area (Square miles, est.): 0

Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: - # of structures: - Critical facilities: -

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres): - Roadway(s) impacted (length): -

Number of low water crossings: - Historical road closures: -

Estimated Cost and Funding Availability

Total Cost: $50,000

Amount of Available Funding: - Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Manvel Rogers Rd. Drainage Improvements

ID#: 061000415

Sponsor (name of entity, not person): Manvel (Municipality)

RFPG recommend?: -

Study Details

Study type: Project Planning

Study description: Further study Alleluia Trail Rogers Rd & All Roads off Rogers drainage improvements, including storm sewer rehabilitation and ditch deepening.

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Brazoria

Watershed HUC#: 120402040100,120402040400,120402040200

Drainage area (Square miles, est.): 27

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 8,190

# of structures: 1,250

Critical facilities: 8

Flood type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Farm/Ranch land impacted (acres): 179

Roadway(s) impacted (length): 43

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -

San Jacinto Regional Flood Planning Group

Region 6

City of Manvel Rogers Rd. Drainage Improvements

Manvel (Municipality)

FME Area

Regional view of FME area
Flood Management Evaluation (FME)

Title: City of Manvel SH. 6 Drainage Improvements

ID#: 061000041

Sponsor (name of entity, not person): Manvel (Municipality)

RFPG recommend? -

Reason for Recommendation -

Study Details

Study type: Project Planning

Study description: Further study of state Highway 6 drainage improvements, including storm sewer upgrades to meet current capacities, ditch deepening, and sub regional detention ponds. Project will also widen and reshape ditches, and upgrade culverts.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County: Brazoria

Watershed HUC# (if known): 120402040200,120402040400,120402040100

Drainage area (Square miles, est.): 27

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 8,190

# of structures: 1,250

Critical facilities: 8

Flood type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Farm/Ranch land impacted (acres): 179

Roadway(s) impacted (length): 43

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $150,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Manvel Various Drainage Improvements
ID#: 061000047
Sponsor (name of entity, not person): Manvel (Municipality)
RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Project Planning
Study description: Study of various drainage improvements, including storm sewer rehabilitation and ditch deepening.

New Hydrologic or Hydraulic model?: -
Emergency Need?: -
Existing/Anticipated models in near term?: -
County: Brazoria
Drainage area (Square miles, est.): 27
Watershed HUC# (if known): 120402040200,120402040400,120402040100

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 8,190
Population # of structures: 1,250
Critical facilities: 8
Flood risk type: Riverine? Yes, Coastal? No, Local? No, Playa? No
Farm/Ranch land impacted (acres): 179
Roadway(s) impacted (length): 43
Number of low water crossings: 0
Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $50,000
Amount of Available Funding: -
Federal funding availability: -
Funding source: -

FME Area

Regional view of FME area
# Flood Management Evaluation (FME)

**Title**: City of Meadows Place Master Drainage Plan

**ID**: 061000261

**Sponsor (name of entity, not person)**: Meadows Place (Municipality)

**RFPG recommend?**: -

**Reason for Recommendation**: -

## Study Details

**Study type**: Project Planning

**Study description**: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

**New Hydrologic or Hydraulic model?**: -

**Emergency Need?**: -

**Existing/Anticipated models in near term?**: -

**County**: Fort Bend

**Watershed HUC# (if known)**: 120401040401

**Drainage area (Square miles, est.)**: 1

**Goal(s)**: 06000000,06000011,06000012,06000015

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>0</th>
<th># of structures</th>
<th>0</th>
<th>Critical facilities</th>
<th>0</th>
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</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine? Yes</td>
<td>Coastal? No</td>
<td>Local? No</td>
<td>Playa? No</td>
<td>Other? No</td>
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<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>-</td>
<td>Roadway(s) impacted (length)</td>
<td>0</td>
<td>Historical road closures</td>
<td>-</td>
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</table>

## Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$100,000</th>
<th>Amount of Available Funding</th>
<th>-</th>
<th>Federal funding availability</th>
<th>-</th>
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<tbody>
<tr>
<td>Funding source</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

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**FME Area**

**Regional view of FME area**

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**Map of Meadows Place**

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**Logos**: San Jacinto Regional Flood Planning Group, Meadows Place (Municipality)
Flood Management Evaluation (FME)

City of Missouri City  Master Drainage Plan

ID# 061000262

Sponsor (name of entity, not person) Missouri City (Municipality)

RFPG recommend? -  Reason for Recommendation -

Study Details

Study type  Project Planning

Study description  Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model? -  Emergency Need? -  Existing/Anticipated models in near term? -

County  Fort Bend,Harris

Watershed HUC# (if known) 120401040401,120401040501,120402040400

Drainage area (Square miles, est.) 30  Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 1,060  # of structures 213  Critical facilities 1

Flood type: Riverine? Yes  Coastal? No  Local? No  Playa? No  Other? No

Farm/Ranch land impacted (acres) 2  Roadway(s) impacted (length) 3

Number of low water crossings 0  Historical road closures 0

Estimated Cost and Funding Availability

Total Cost $500,000  Amount of Available Funding -  Federal funding availability -

Funding source -
Flood Management Evaluation (FME)

Title: City of Mont Belvieu Master Drainage Plan

ID#: 061000263

Sponsor (name of entity, not person): Mont Belvieu (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County: Chambers, Harris, Liberty

Watershed HUC# (if known): 120402030105, 120402030104

Drainage area (Square miles, est.): 17

Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 30

# of structures: 30

Critical facilities: 0

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No

Farm/Ranch land impacted (acres): 5

Roadway(s) impacted (length): 2

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $300,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Montgomery Master Drainage Plan

ID# 061000264

Sponsor (name of entity, not person): Montgomery (County)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County: Montgomery
Watershed HUC# (if known): 120401010307,120401010206
Drainage area (Square miles, est.): 5

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 11
# of structures: 27
Critical facilities: 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres): 3
Roadway(s) impacted (length): 1
Number of low water crossings: 0
Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000
Amount of Available Funding: -
Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: City of Morgan's Point Master Drainage Plan

ID#: 061000265

Sponsor (name of entity, not person): Morgan's Point (Municipality)

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Chambers, Harris

Watershed HUC#: (if known) 120401040706, 120402040100

Drainage area (Square miles, est.): 2

Goal(s): 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk: 330

# of structures: 48

Critical facilities: 0

Flood risk type: Riverine? Yes, Coastal? Yes, Local? No, Playa? No, Other? No

Farm/Ranch land impacted (acres): 1

Roadway(s) impacted (length): 0

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -

---

FME Area

Regional view of FME area
Flood Management Evaluation (FME)

Title: City of Nassau Bay  Master Drainage Plan

ID#: 061000266

Sponsor (name of entity, not person): Nassau Bay (Municipality)

RFPG recommend?: -  Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Galveston,Harris

Watershed HUC# (if known): 120402040100

Drainage area (Square miles, est.): 2

Goal(s): 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk: 7,735

# of structures: 1,022

Critical facilities: 19

Flood risk type: Riverine? Yes  Coastal? Yes  Local? No  Playa? No

Farm/Ranch land impacted (acres): 1

Roadway(s) impacted (length): 18

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -
Flood Management Evaluation (FME)

Title: City of New Waverly Master Drainage Plan

ID#: 061000267

Sponsor (name of entity, not person): New Waverly (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type: Project Planning

Study description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County: Walker

Watershed HUC# (if known): 120401030101

Drainage area (Square miles, est.): 2

Goal(s): 06000100, 06000111, 06000102, 06000115

100-Year Flood Risk Summary

Population at risk: 19

# of structures: 23

Critical facilities: 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres): 1

Roadway(s) impacted (length): 0

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $100,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -

FME Area

Regional view of FME area
Title: City of North Cleveland Engineering Study
ID#: 061000161
Sponsor (name of entity, not person): North Cleveland (Municipality)
RFPG recommend? - Reason for Recommendation -

### Study Details

**Study type:** Project Planning  
**Study description:** Study to identify drainage improvements in the City of North Cleveland.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
<th>Emergency Need?</th>
<th>-</th>
<th>Existing/Anticipated models in near term?</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Liberty, Montgomery, San Jacinto</td>
<td>Watershed HUC# (if known)</td>
<td>120401030201, 12040103030108, 1204010303109, 120401030203, 1204010309</td>
<td>Goal(s)</td>
<td>060000001, 06000011, 06000012, 06000015</td>
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<tr>
<td>Drainage area (Square miles, est.)</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
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</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>1,267</th>
<th># of structures</th>
<th>261</th>
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</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine?</td>
<td>Yes</td>
<td>Coastal?</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>29</td>
<td></td>
<td></td>
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<tr>
<td>Number of low water crossings</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Historical road closures</td>
<td>1</td>
<td></td>
<td></td>
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</tbody>
</table>

### Estimated Cost and Funding Availability

| Total Cost | $50,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |