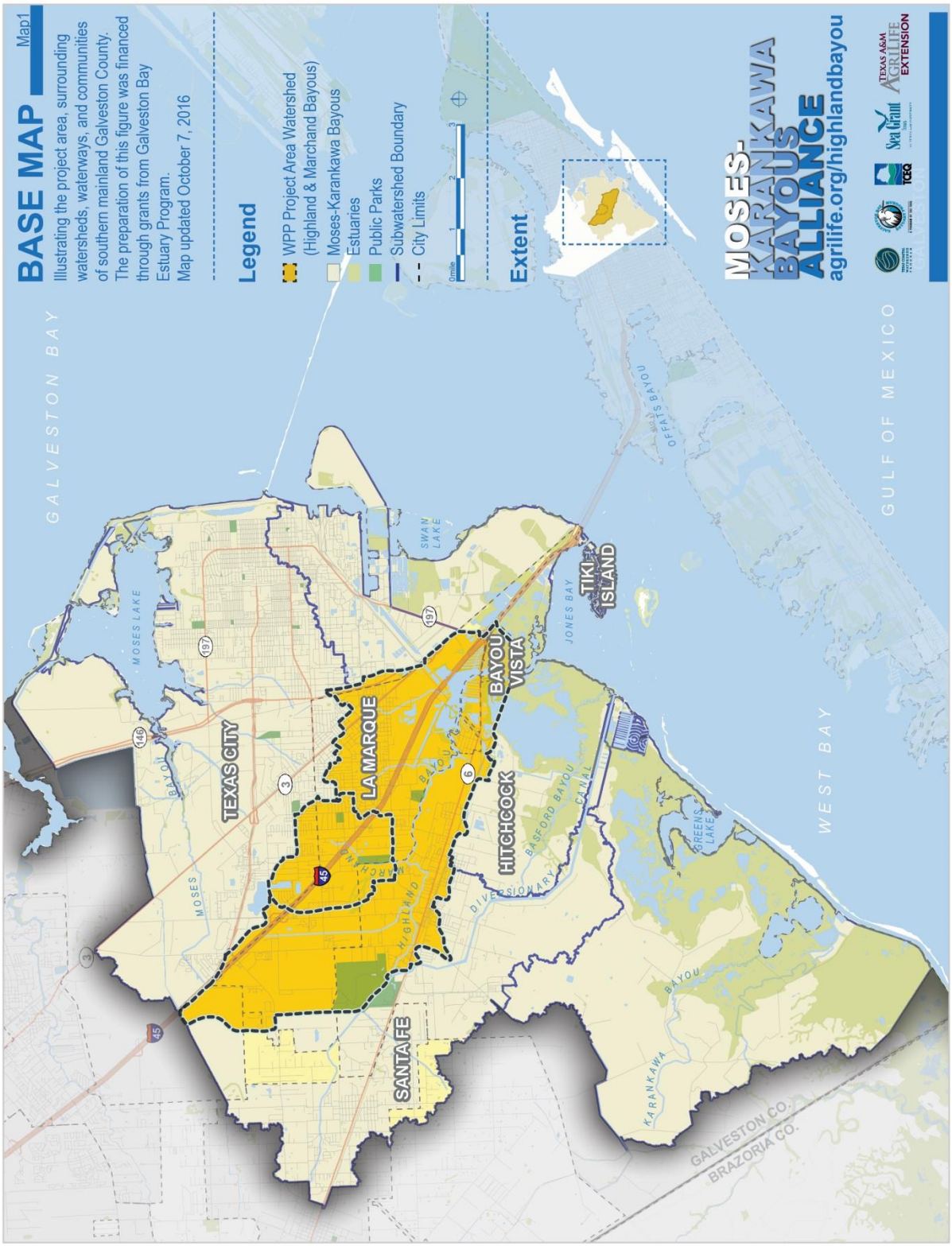
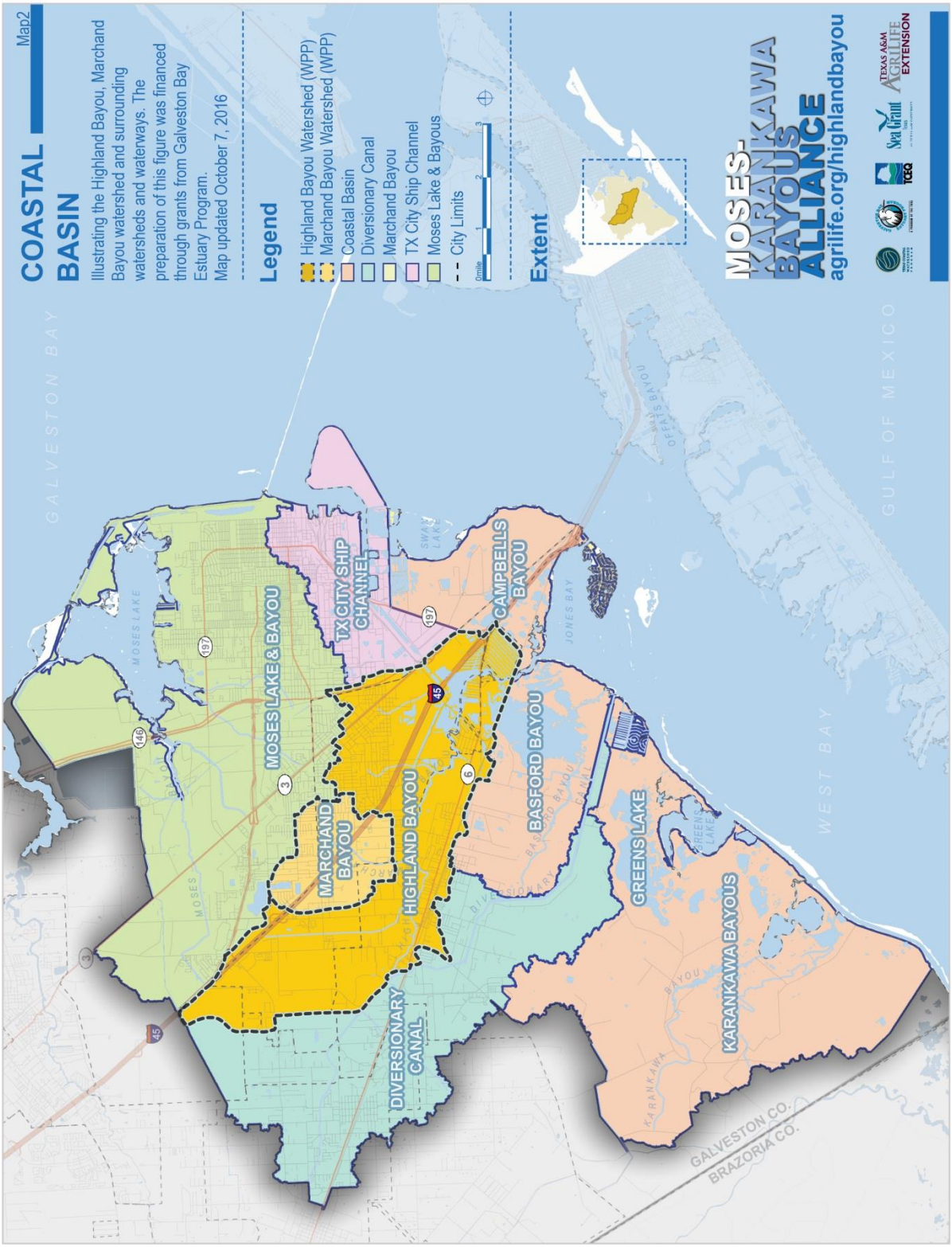
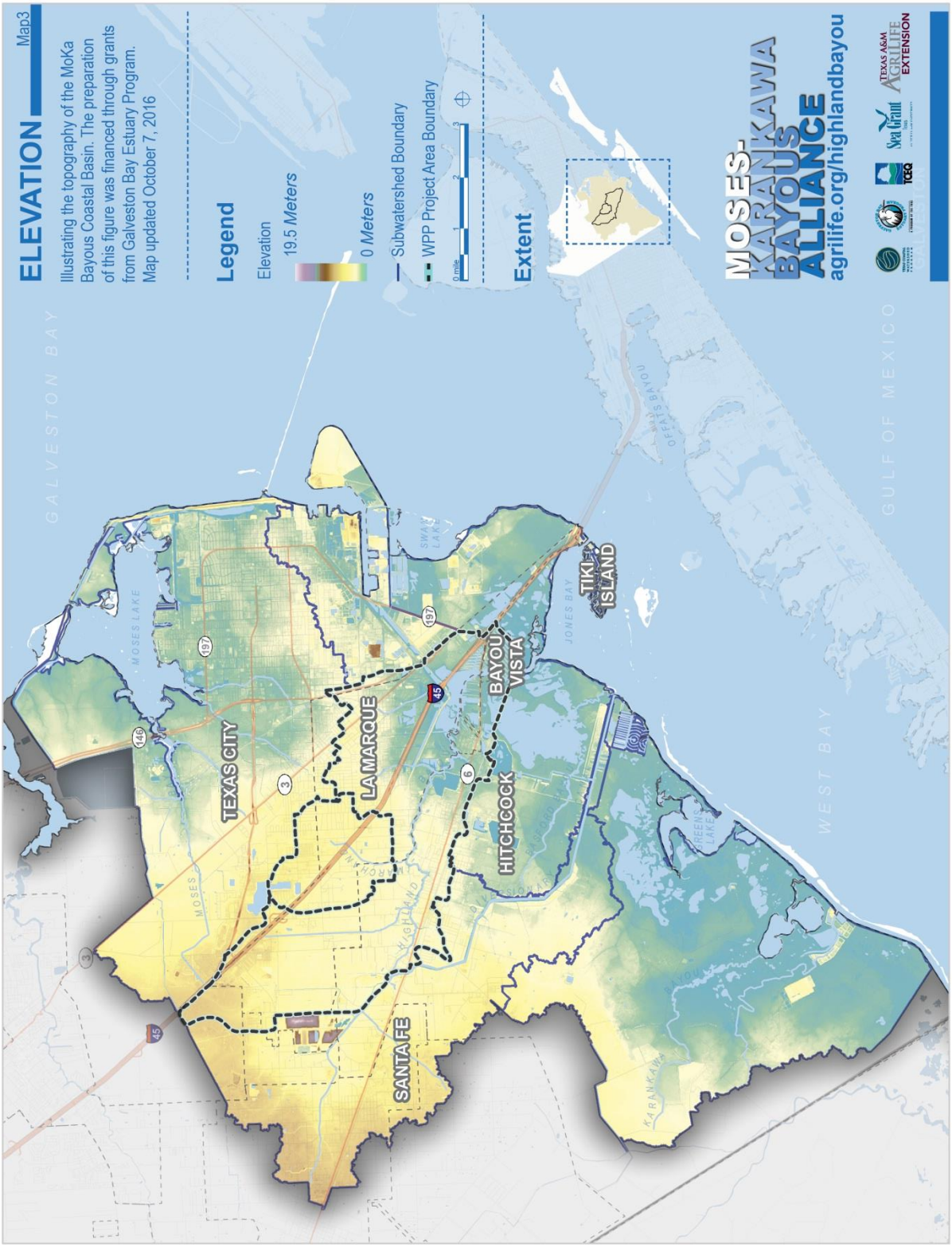
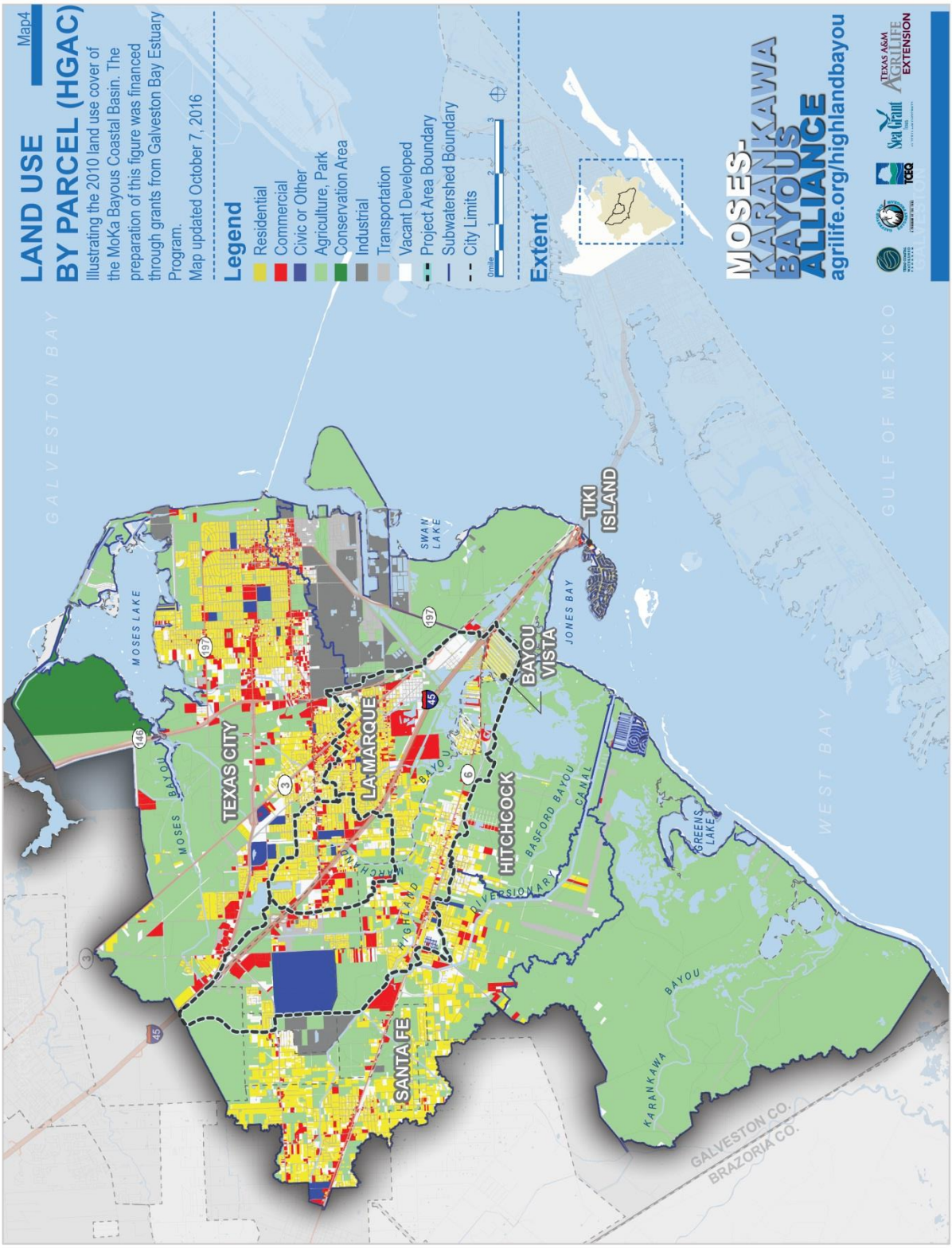
Appendix 1 – Maps


BASE MAP
Map1
Illustrating the project area, surrounding watersheds, waterways, and communities of southern mainland Galveston County. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
WPP Project Area Watershed (Highland & Marchand Bayous)
Moses-Karankawa Bayous
Estuaries
Public Parks
Subwatershed Boundary
City Limits
0mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
SWAN LAKE
JONES BAY
OFFATS BAYOU
TEXAS CITY
LA MARQUE
BAYOU VISTA
HITCHCOCK
TIKI ISLAND
SANTA FE
GREENS LAKE
MOSES BAYOU
HIGHLAND BAYOU
DIVERSIONARY CANAL
BASFORD BAYOU
KARANKAWA BAYOU
GALVESTON CO.
BRAZORIA CO.
146
197
3
6
45


COASTAL BASIN
Map2
Illustrating the Highland Bayou, Marchand Bayou watershed and surrounding watersheds and waterways. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Highland Bayou Watershed (WPP)
Marchand Bayou Watershed (WPP)
Coastal Basin
Diversionary Canal
Marchand Bayou
TX City Ship Channel
Moses Lake & Bayous
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE & BAYOU
TX CITY SHIP CHANNEL
CAMPBELLS BAYOU
MARCHAND BAYOU
HIGHLAND BAYOU
BASFORD BAYOU
GREENS LAKE
KARANKAWA BAYOUS
DIVERSIONARY CANAL
GALVESTON CO.
BRAZORIA CO.


ELEVATION
Map3
Illustrating the topography of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Elevation
19.5 Meters
0 Meters
Subwatershed Boundary
WPP Project Area Boundary
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
JONES BAY
OFFATS BAYOU
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
MOSES
HIGHLAND
KARANKAWA
GREEN LAKE
SWAN LAKE
45
146
197
3
6


LAND USE
BY PARCEL (HGAC)
Map4
Illustrating the 2010 land use cover of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Residential
Commercial
Civic or Other
Agriculture, Park
Conservation Area
Industrial
Transportation
Vacant Developed
Project Area Boundary
Subwatershed Boundary
City Limits
0mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
Sea Grant
TCEQ
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
MOSES BAYOU
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
SWAN LAKE
JONES BAY
BASFORD BAYOU
DIVERSIONARY CANAL
HIGHLAND BAYOU
KARANKAWA BAYOU
GREENS LAKE
GALVESTON CO.
BRAZORIA CO.
146
197
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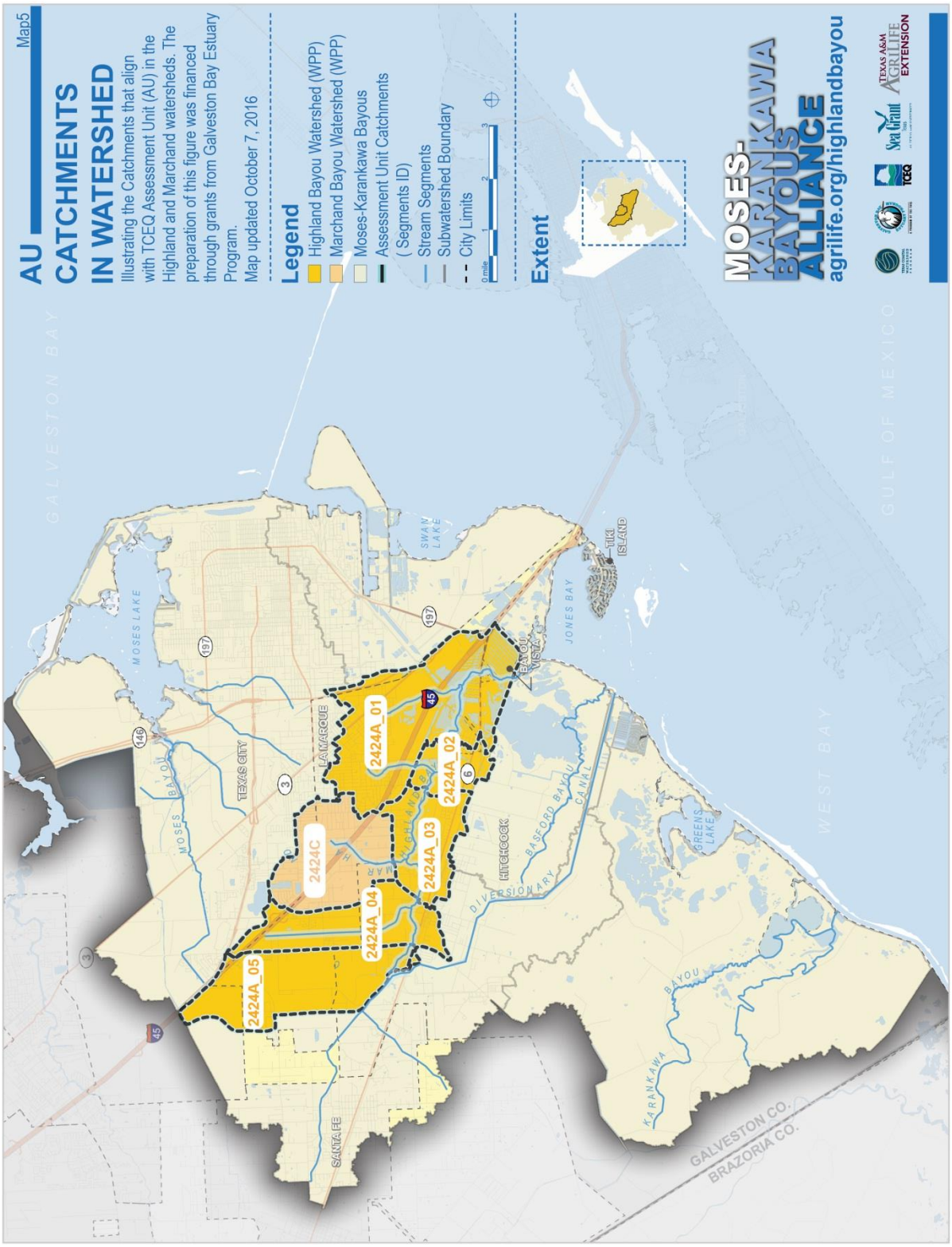
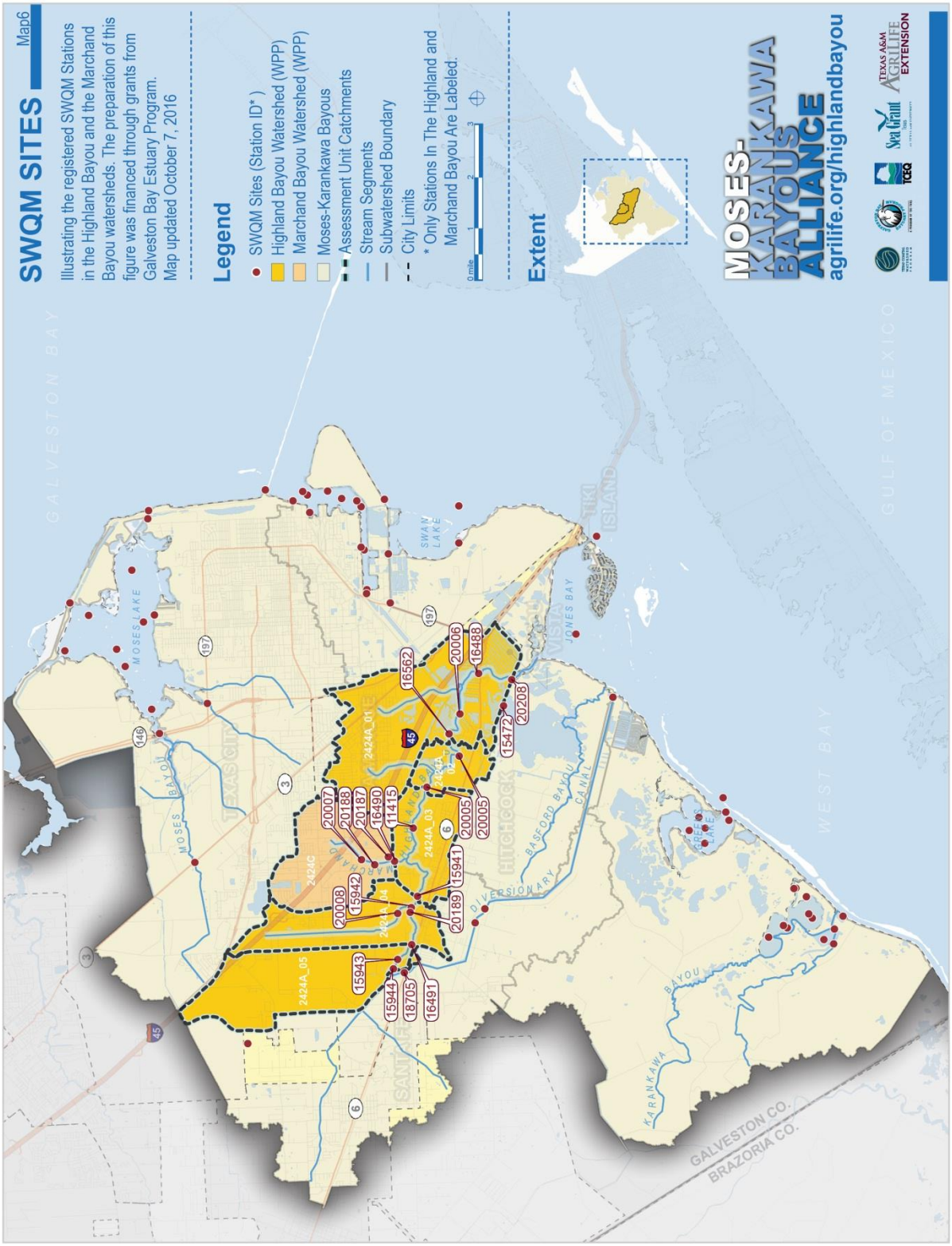
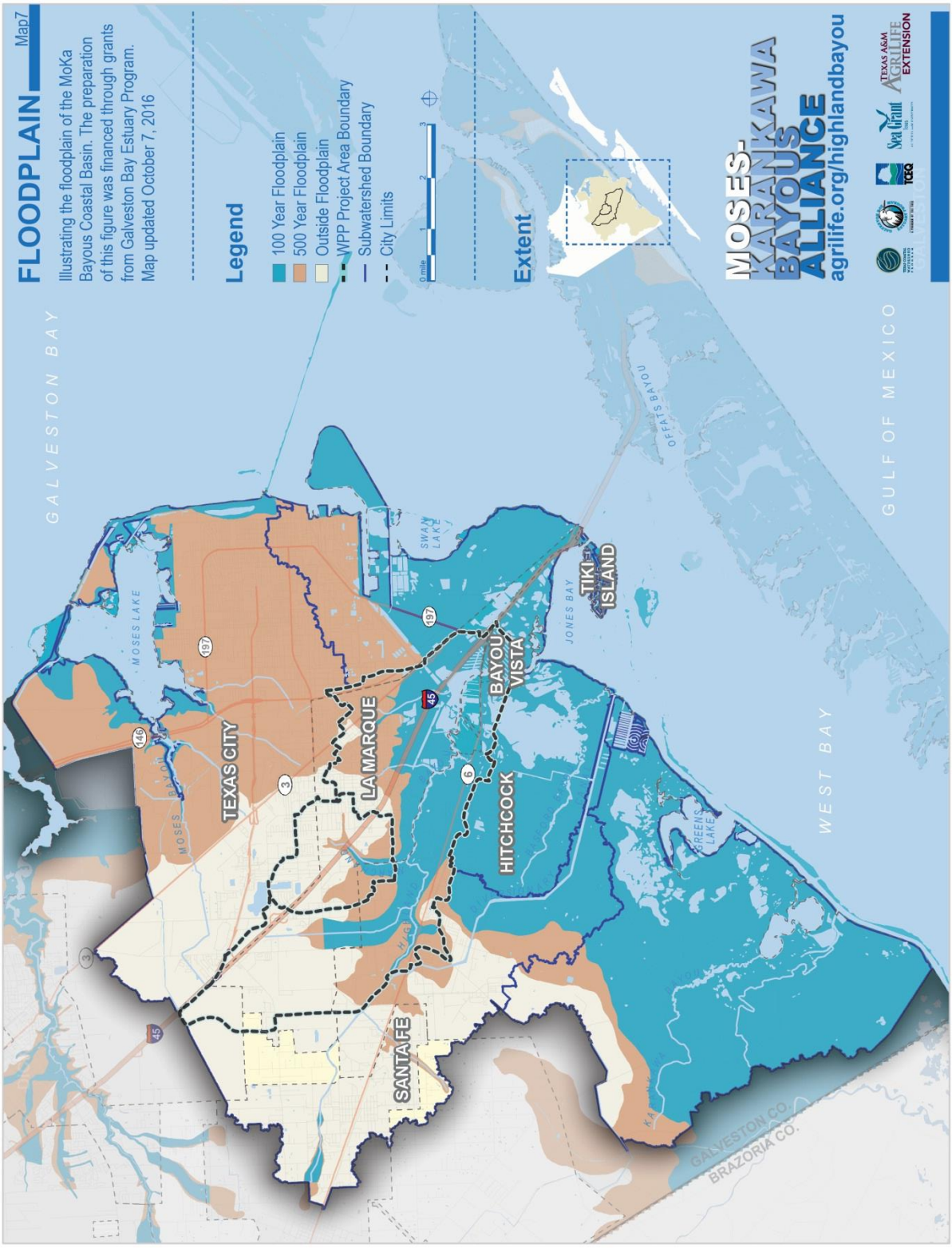
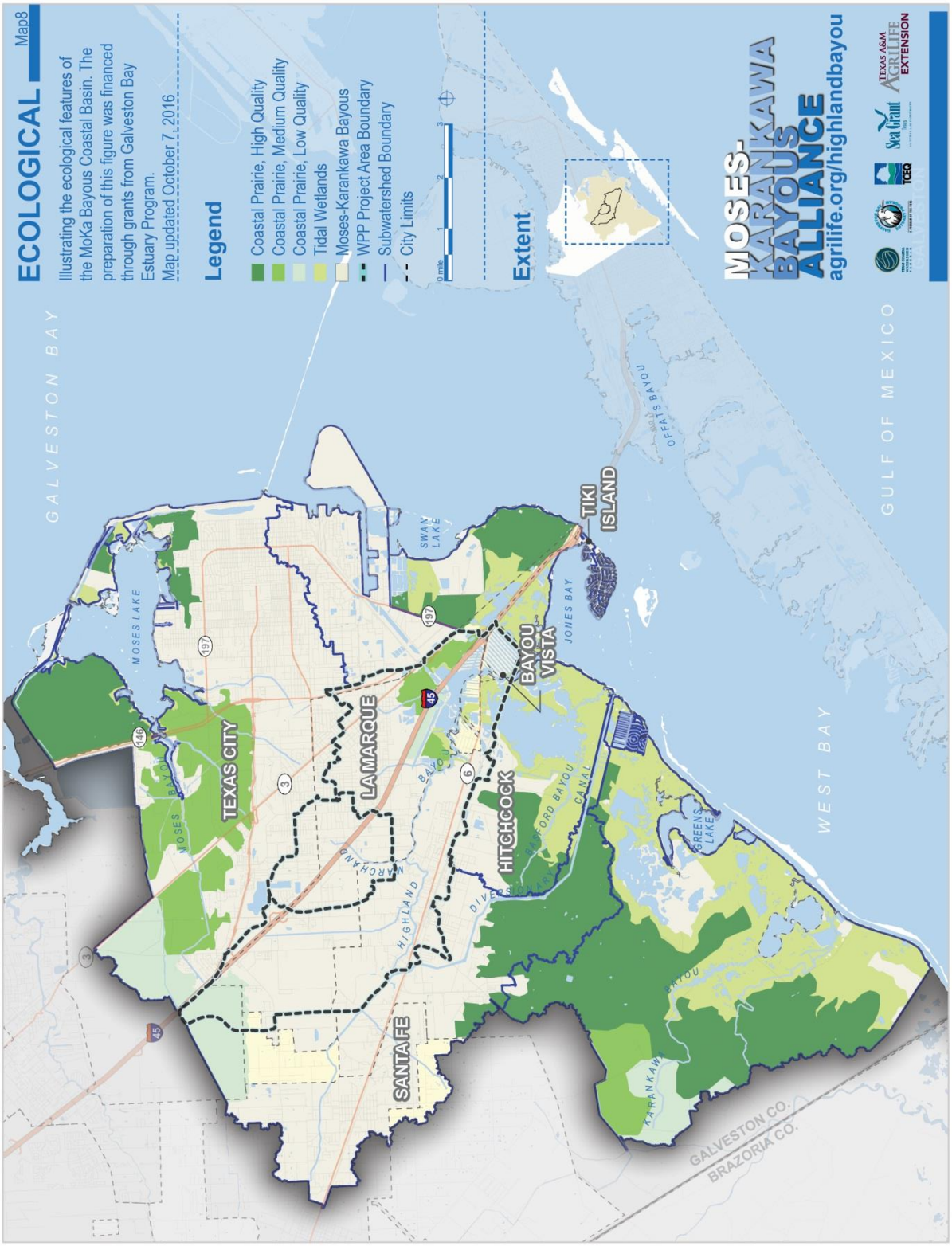
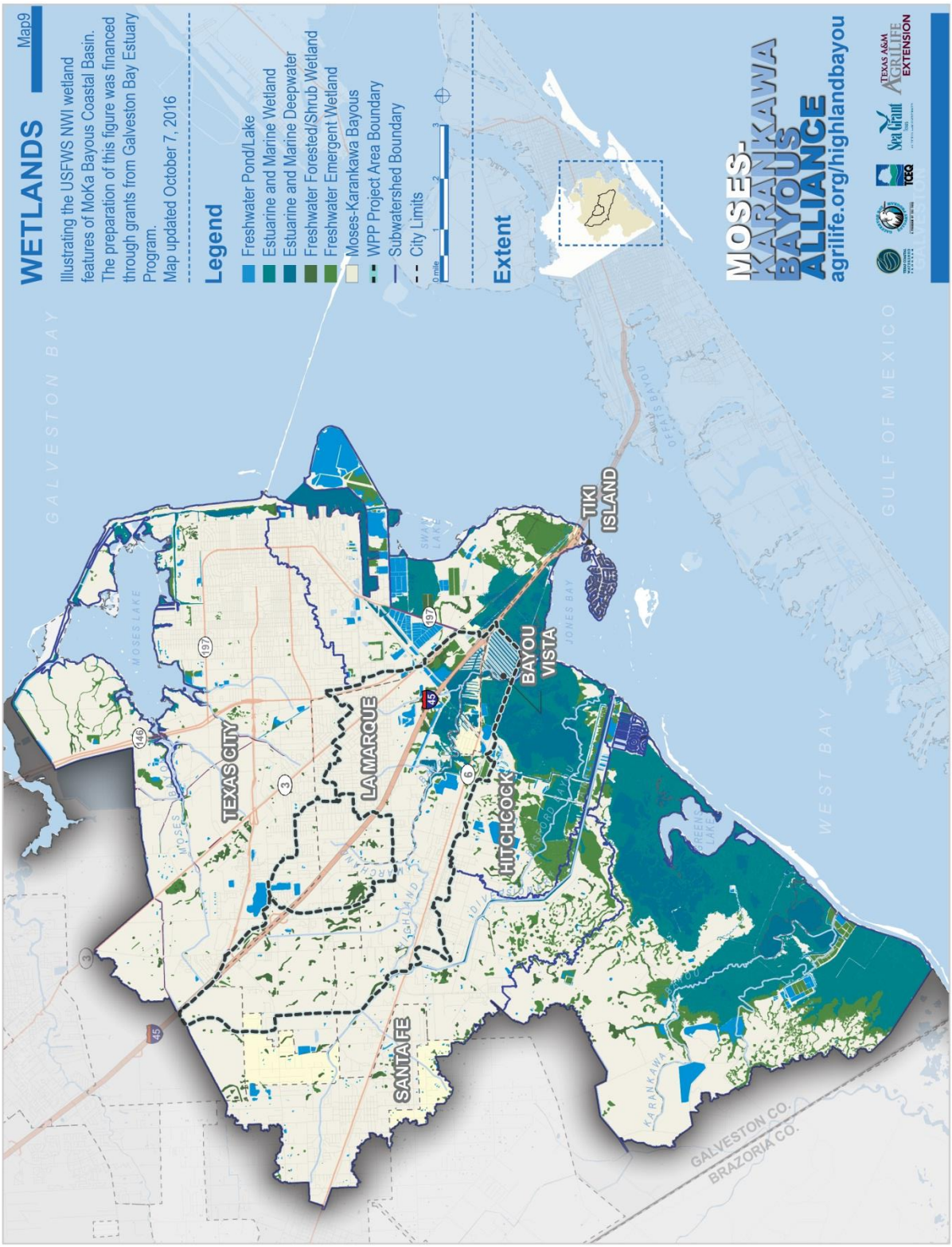
45
6

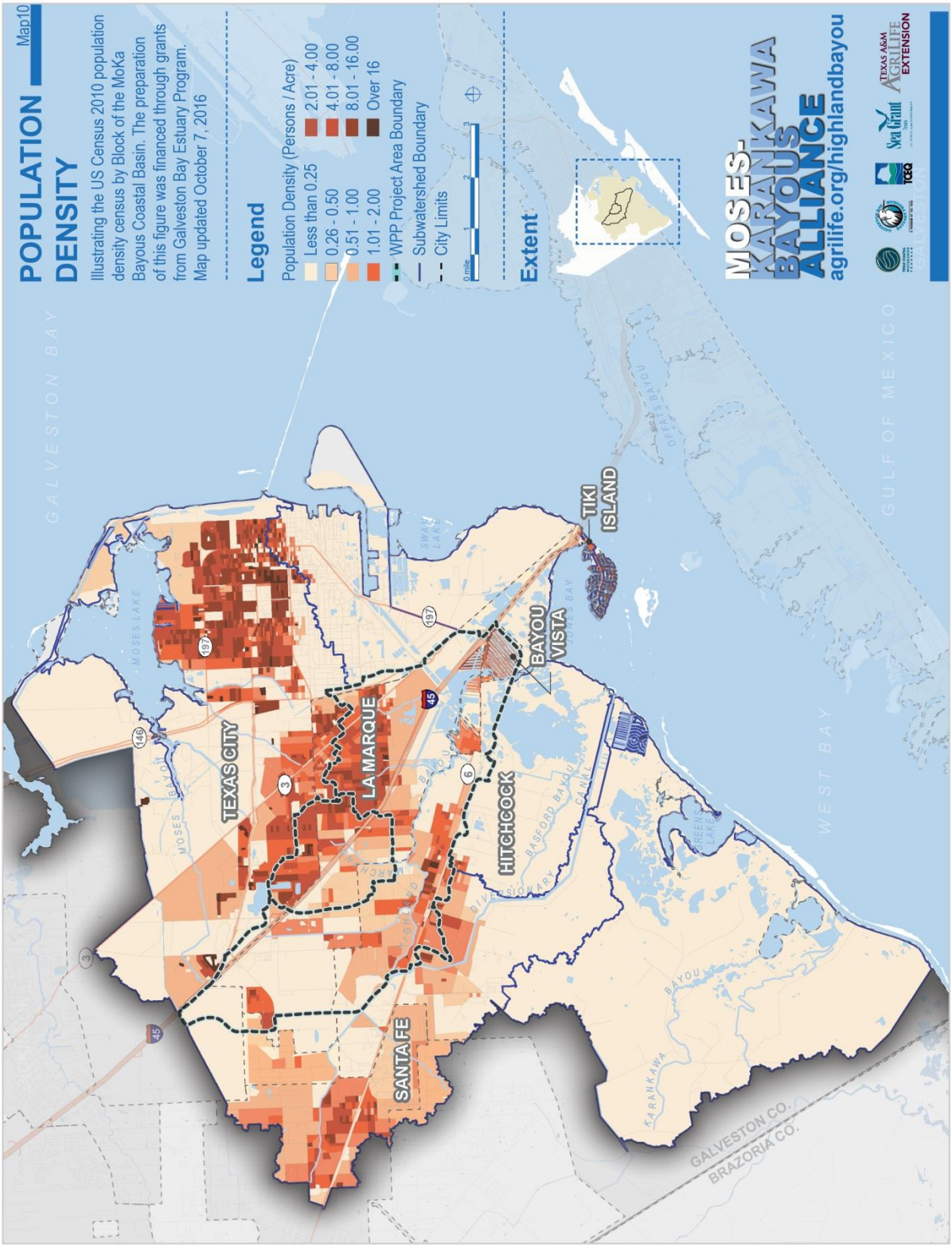

AU CATCHMENTS IN WATERSHED
Map5
Illustrating the Catchments that align with TCEQ Assessment Unit (AU) in the Highland and Marchand watersheds. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Highland Bayou Watershed (WPP)
Marchand Bayou Watershed (WPP)
Moses-Karankawa Bayous
Assessment Unit Catchments
(Segments ID)
Stream Segments
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
Sea Grant
TCEQ
GALVESTON BAY
MOSES LAKE
MOSES BAYOU
TEXAS CITY
LA MARQUE
SANTA FE
2424A_05
2424C
2424A_04
2424A_01
2424A_03
2424A_02
HIGHLAND BAYOU
MARCHAND BAYOU
DIVERSIONARY CANAL
HITCHCOCK
BASFORD BAYOU
SWAN LAKE
BAYOU VISTA
JONES BAY
TIKI ISLAND
GREENS LAKE
KARANKAWA BAYOU
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.
146
197
45
3
6

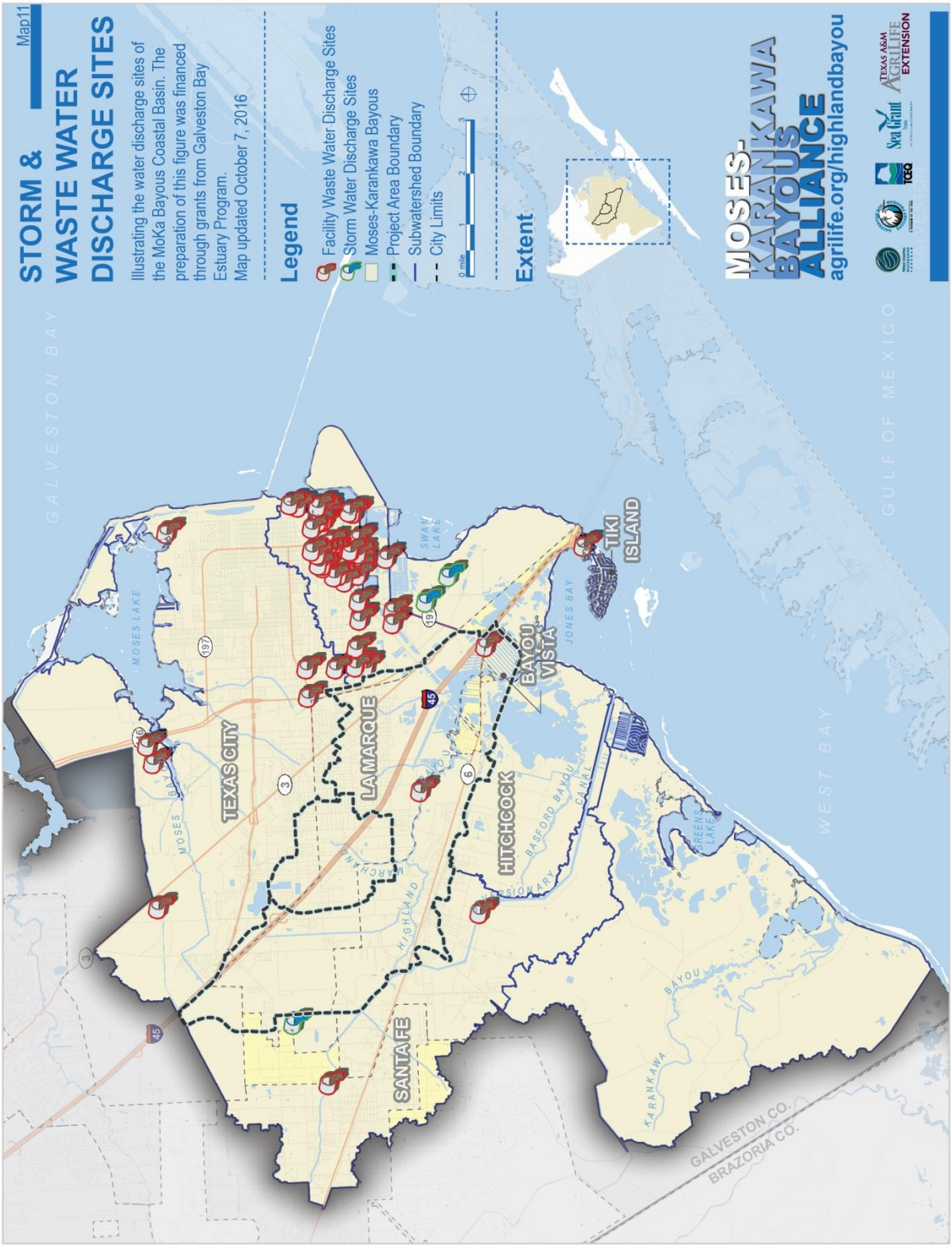

SWQM SITES
Map6
Illustrating the registered SWQM Stations in the Highland Bayou and the Marchand Bayou watersheds. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
SWQM Sites (Station ID*)
Highland Bayou Watershed (WPP)
Marchand Bayou Watershed (WPP)
Moses-Karankawa Bayous
Assessment Unit Catchments
Stream Segments
Subwatershed Boundary
City Limits
* Only Stations In The Highland and Marchand Bayou Are Labeled.
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
GALVESTON BAY
MOSES LAKE
MOSES BAYOU
SWAN LAKE
TIKI ISLAND
JONES BAY
WEST BAY
GULF OF MEXICO
KARANKAWA BAYOU
BASFORD BAYOU
DIVERSIONARY CANAL
GALVESTON CO.
BRAZORIA CO.
2424A_05
2424C
2424A_01
2424A_03
20007
20188
20187
16490
11415
20008
15942
15943
15944
18705
16491
20189
15941
20005
20005
16562
20006
16488
15472
20208

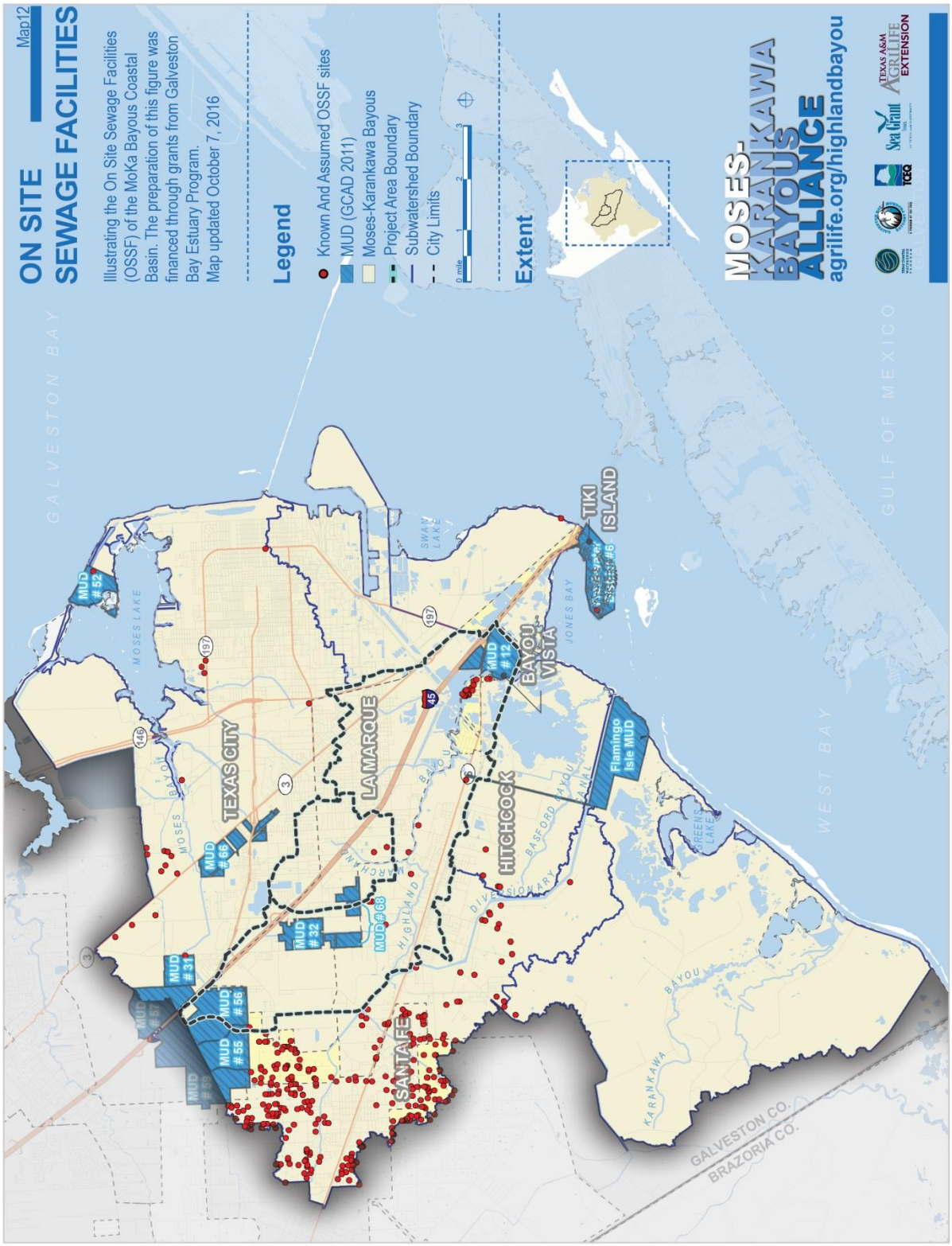

FLOODPLAIN
Map7
Illustrating the floodplain of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
100 Year Floodplain
500 Year Floodplain
Outside Floodplain
WPP Project Area Boundary
Subwatershed Boundary
City Limits
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
SWAN LAKE
JONES BAY
OFFATS BAYOU
GREEN LAKE
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.
146
197
3
45
6

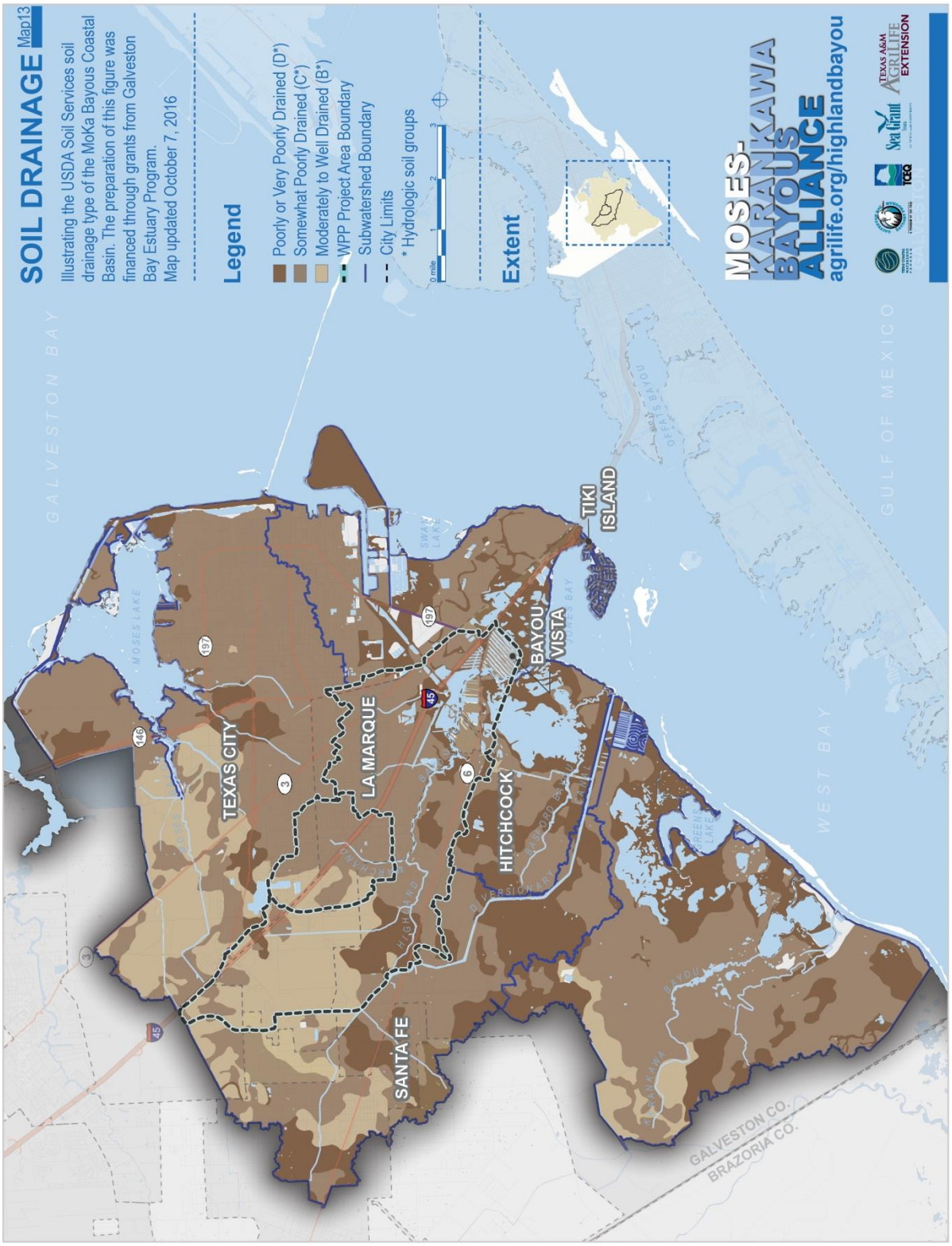

ECOLOGICAL
Map8
Illustrating the ecological features of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Coastal Prairie, High Quality
Coastal Prairie, Medium Quality
Coastal Prairie, Low Quality
Tidal Wetlands
Moses-Karankawa Bayous
WPP Project Area Boundary
Subwatershed Boundary
City Limits
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
SWAN LAKE
JONES BAY
OFFATS BAYOU
GREENS LAKE
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.


WETLANDS
Map9
Illustrating the USFWS NWI wetland features of MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Freshwater Pond/Lake
Estuarine and Marine Wetland
Estuarine and Marine Deepwater
Freshwater Forested/Shrub Wetland
Freshwater Emergent Wetland
Moses-Karankawa Bayous
WPP Project Area Boundary
Subwatershed Boundary
City Limits
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
JONES BAY
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.
KARANKAWA
Texas A&M AgriLife Extension


POPULATION DENSITY
Map10
Illustrating the US Census 2010 population density census by Block of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Population Density (Persons / Acre)
Less than 0.25
0.26 - 0.50
0.51 - 1.00
1.01 - 2.00
2.01 - 4.00
4.01 - 8.00
8.01 - 16.00
Over 16
WPP Project Area Boundary
Subwatershed Boundary
City Limits
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
TEXAS A&M AGRILIFE EXTENSION
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
KARANKAWA BAYOU
GALVESTON CO.
BRAZORIA CO.


STORM &
WASTE WATER
DISCHARGE SITES
Map11
Illustrating the water discharge sites of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Facility Waste Water Discharge Sites
Storm Water Discharge Sites
Moses-Karankawa Bayous
Project Area Boundary
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
TEXAS A&M AGRILIFE EXTENSION
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
JONES BAY
SWAN LAKE
GREEN LAKE
HIGHLAND BAYOU
KARANKAWA BAYOU
GULF OF MEXICO
WEST BAY
GALVESTON CO.
BRAZORIA CO.


ON SITE
SEWAGE FACILITIES
Map12
Illustrating the On Site Sewage Facilities (OSSF) of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Known And Assumed OSSF sites
MUD (GCAD 2011)
Moses-Karankawa Bayous
Project Area Boundary
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Sea Grant
TCEQ
Texas A&M AgriLife Extension
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
JONES BAY
SWAN LAKE
GREEN LAKE
TEXAS CITY
LA MARQUE
HITCHCOCK
SANTA FE
BAYOU VISTA
TIKI ISLAND
MUD # 52
MUD # 66
MUD # 31
MUD # 51
MUD # 56
MUD # 55
MUD # 53
MUD # 32
MUD # 68
MUD # 12
MUD # 6
Flamingo Isle MUD
MOSES BAYOU
HIGHLAND BAYOU
DIVISIONARY BAYOU
BASFORD BAYOU
KARANKAWA BAYOU
GALVESTON CO.
BRAZORIA CO.
146
3
197
45
6


SOIL DRAINAGE Map13
Illustrating the USDA Soil Services soil drainage type of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Poorly or Very Poorly Drained (D*)
Somewhat Poorly Drained (C*)
Moderately to Well Drained (B*)
WPP Project Area Boundary
Subwatershed Boundary
City Limits
* Hydrologic soil groups
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
HITCHCOCK
SANTA FE
BAYOU VISTA
TIKI ISLAND
GALVESTON CO.
BRAZORIA CO.
146
3
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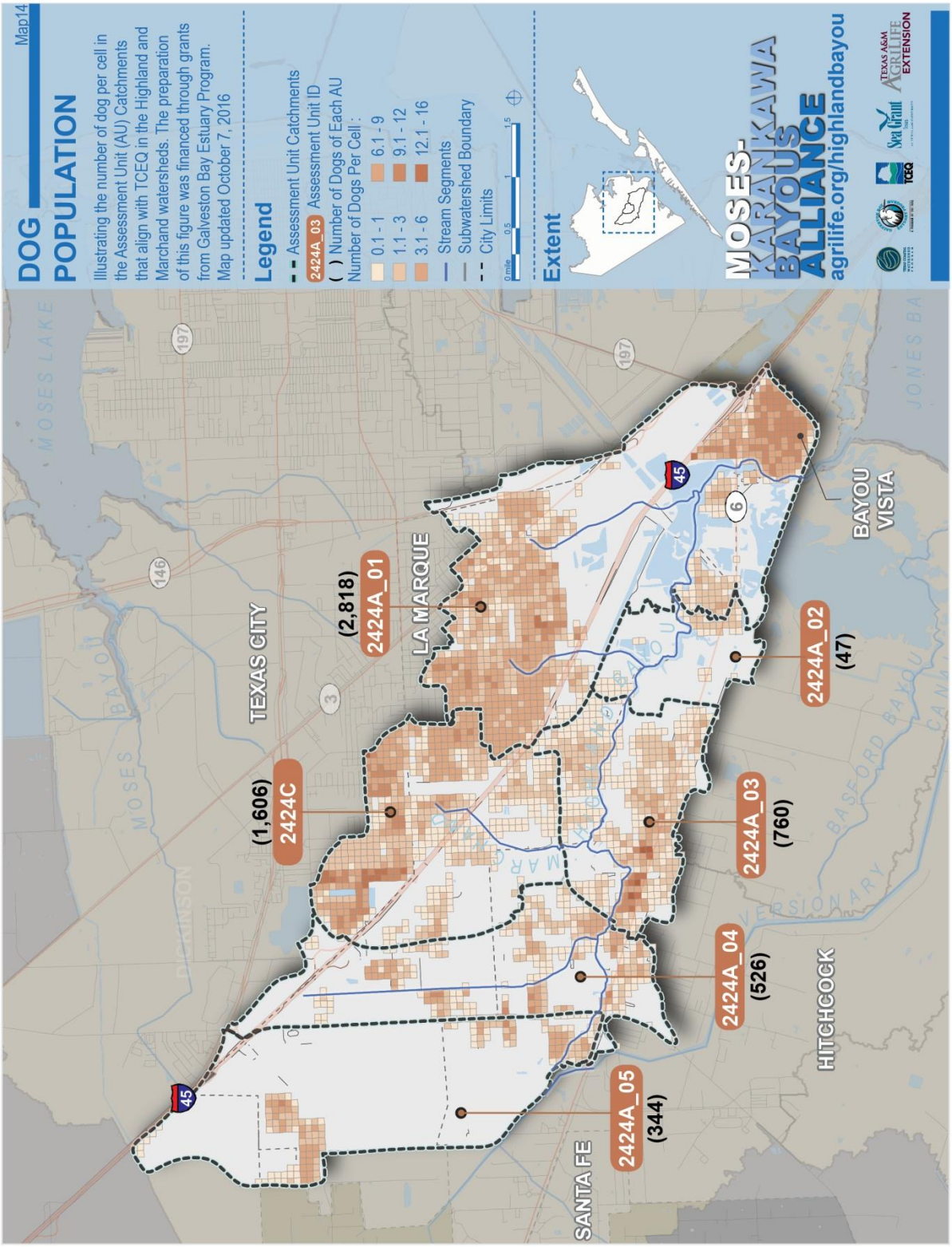
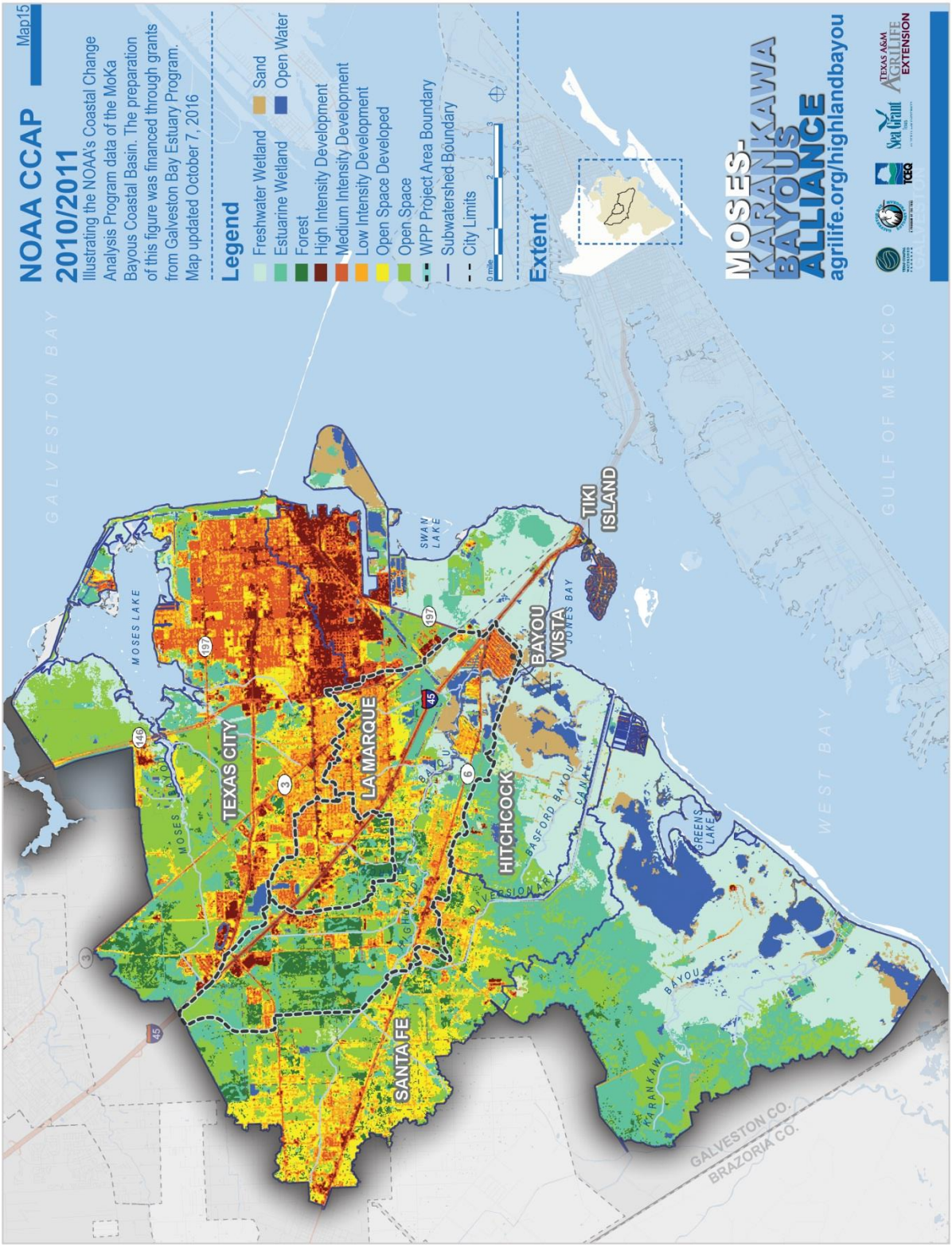
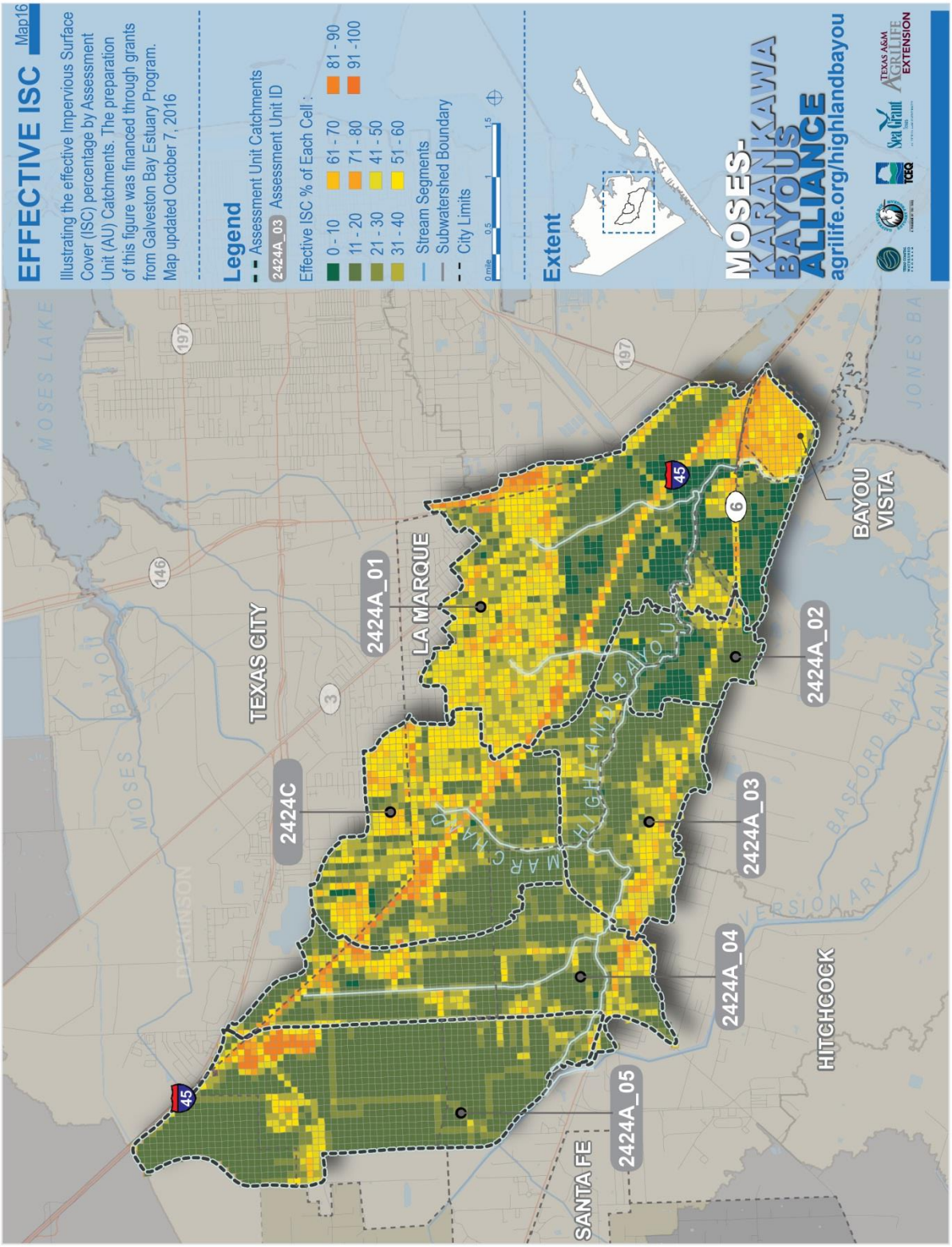

DOG POPULATION
Map14
Illustrating the number of dog per cell in the Assessment Unit (AU) Catchments that align with TCEQ in the Highland and Marchand watersheds. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) Number of Dogs of Each AU
Number of Dogs Per Cell :
0.1 - 1
1.1 - 3
3.1 - 6
6.1 - 9
9.1 - 12
12.1 - 16
Stream Segments
Subwatershed Boundary
City Limits
0 miles 0.5 1 1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
TEXAS CITY
LA MARQUE
BAYOU VISTA
SANTA FE
HITCHCOCK
2424C (1,606)
2424A_01 (2,818)
2424A_02 (47)
2424A_03 (760)
2424A_04 (526)
2424A_05 (344)
45
197
146
3
6


NOAA CCAP
Map15
2010/2011
Illustrating the NOAA's Coastal Change Analysis Program data of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Freshwater Wetland
Estuarine Wetland
Forest
High Intensity Development
Medium Intensity Development
Low Intensity Development
Open Space Developed
Open Space
WPP Project Area Boundary
Subwatershed Boundary
City Limits
0 mile
1
2
3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
TEXAS A&M AGRILIFE EXTENSION
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
SWAN LAKE
JONES BAY
BASFORD BAYOU
CANAL
RIVERSIDE
GREENS LAKE
KARANKAWA BAYOU
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.


EFFECTIVE ISC
Map16
Illustrating the effective Impervious Surface Cover (ISC) percentage by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
Effective ISC % of Each Cell :
0 - 10
11 - 20
21 - 30
31 - 40
61 - 70
71 - 80
41 - 50
51 - 60
81 - 90
91 -100
Stream Segments
Subwatershed Boundary
City Limits
0 mile
0.5
1
1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
TCEQ
MOSES LAKE
MOSES BAYOU
PICKINSON
TEXAS CITY
LA MARQUE
2424C
2424A_01
2424A_02
2424A_03
2424A_04
2424A_05
MARCHAND HIGHLAND BAYOU
BASFORD BAYOU
VERSIONARY CANAL
JONES BA
BAYOU VISTA
HITCHCOCK
SANTA FE
45
197
146
3
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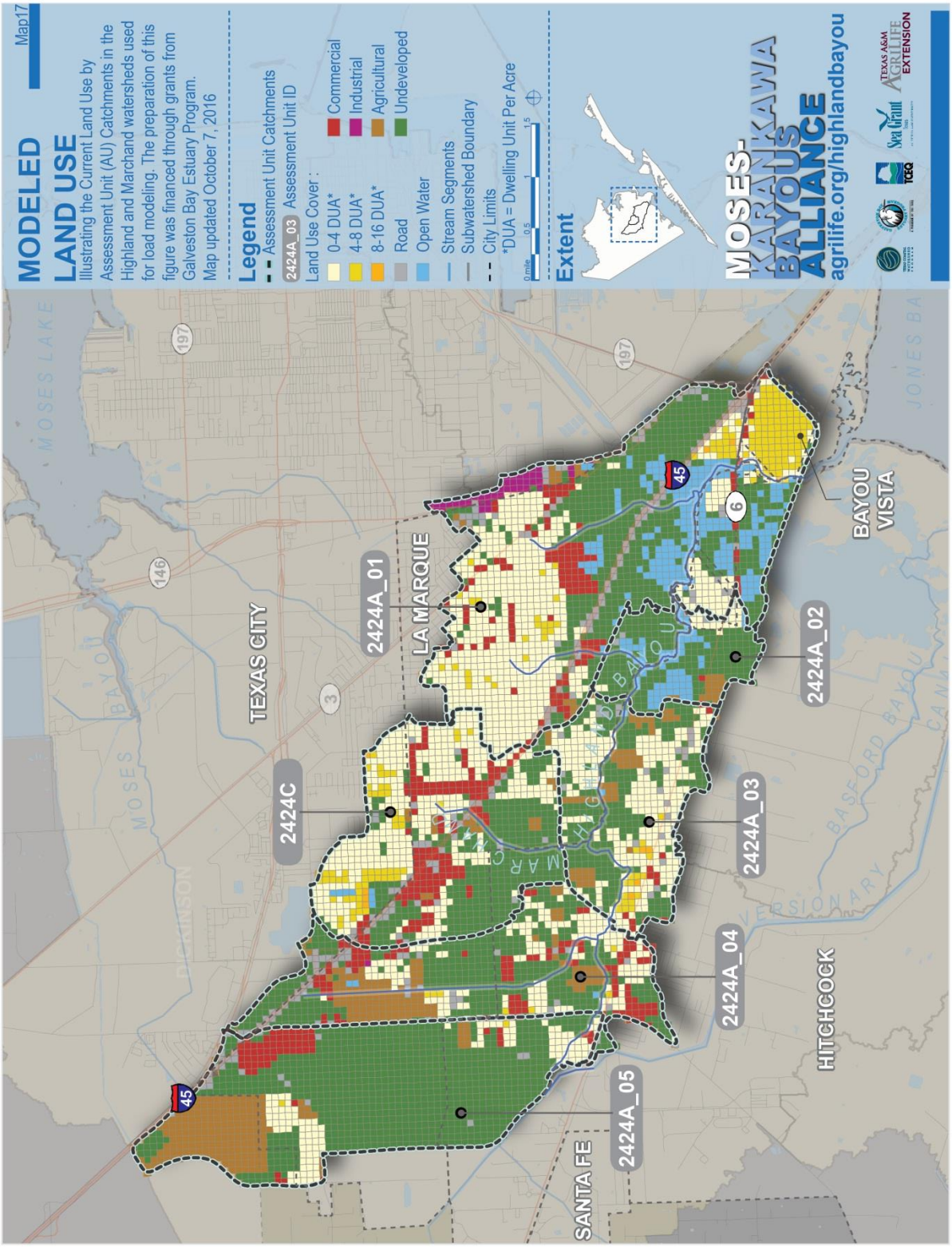
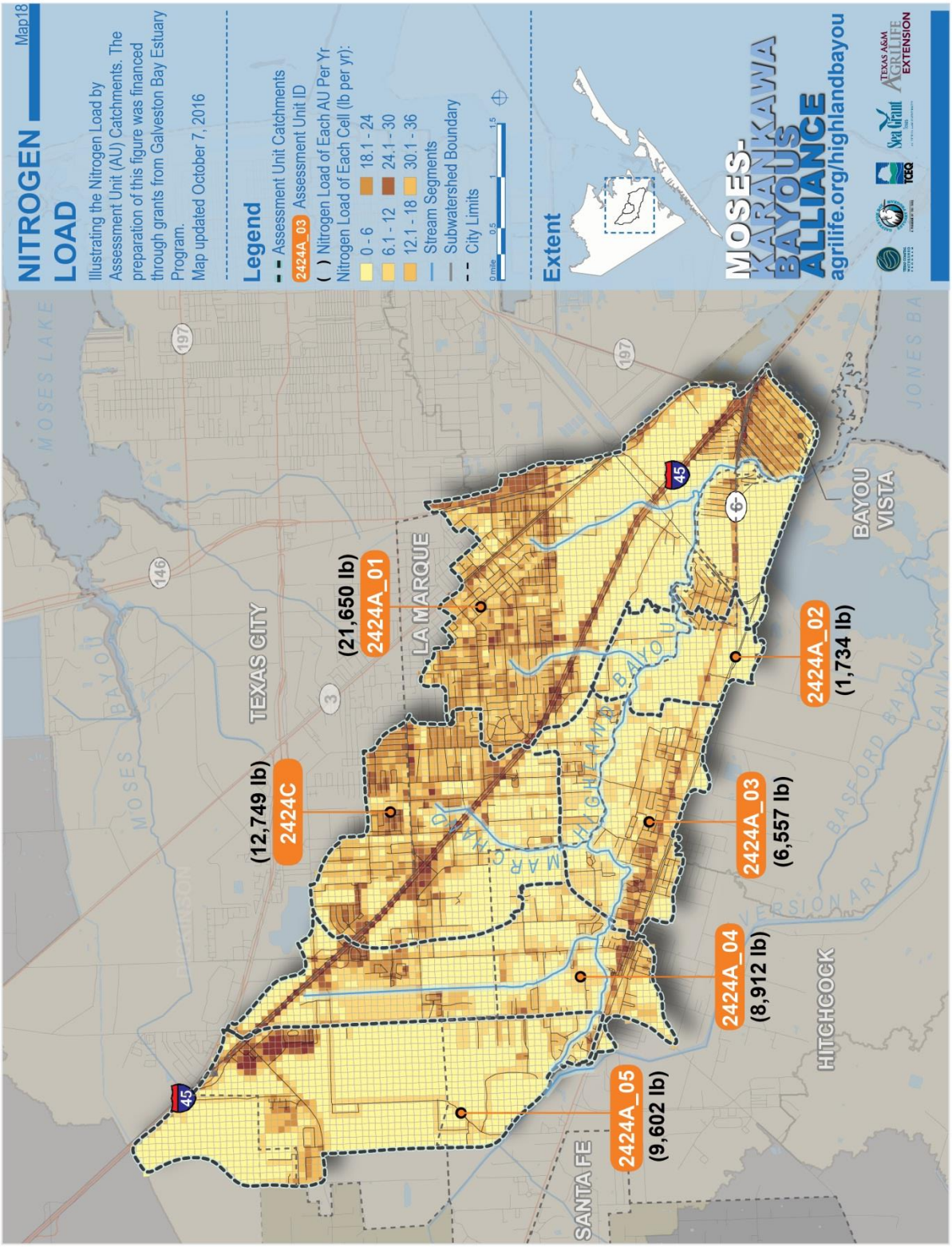
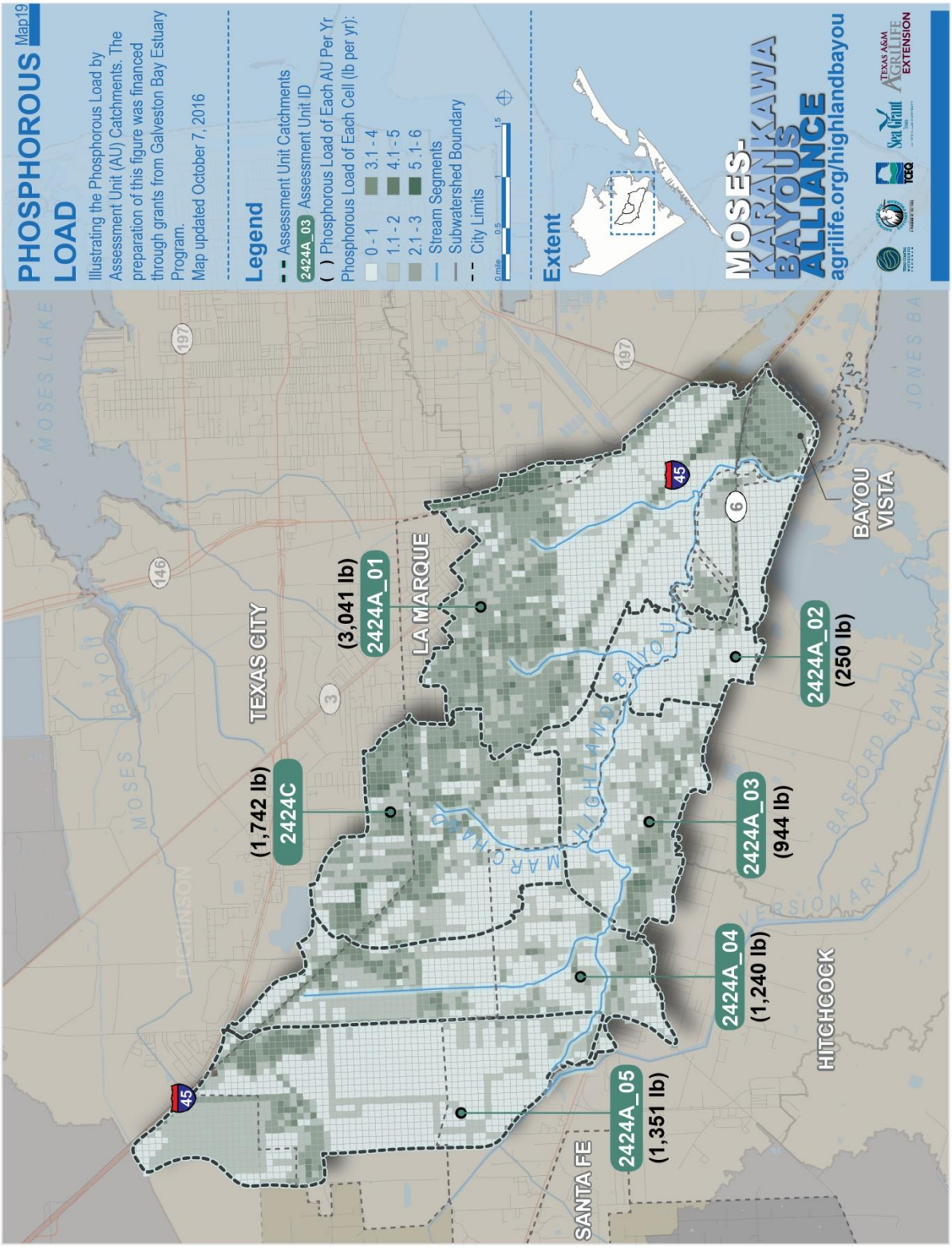
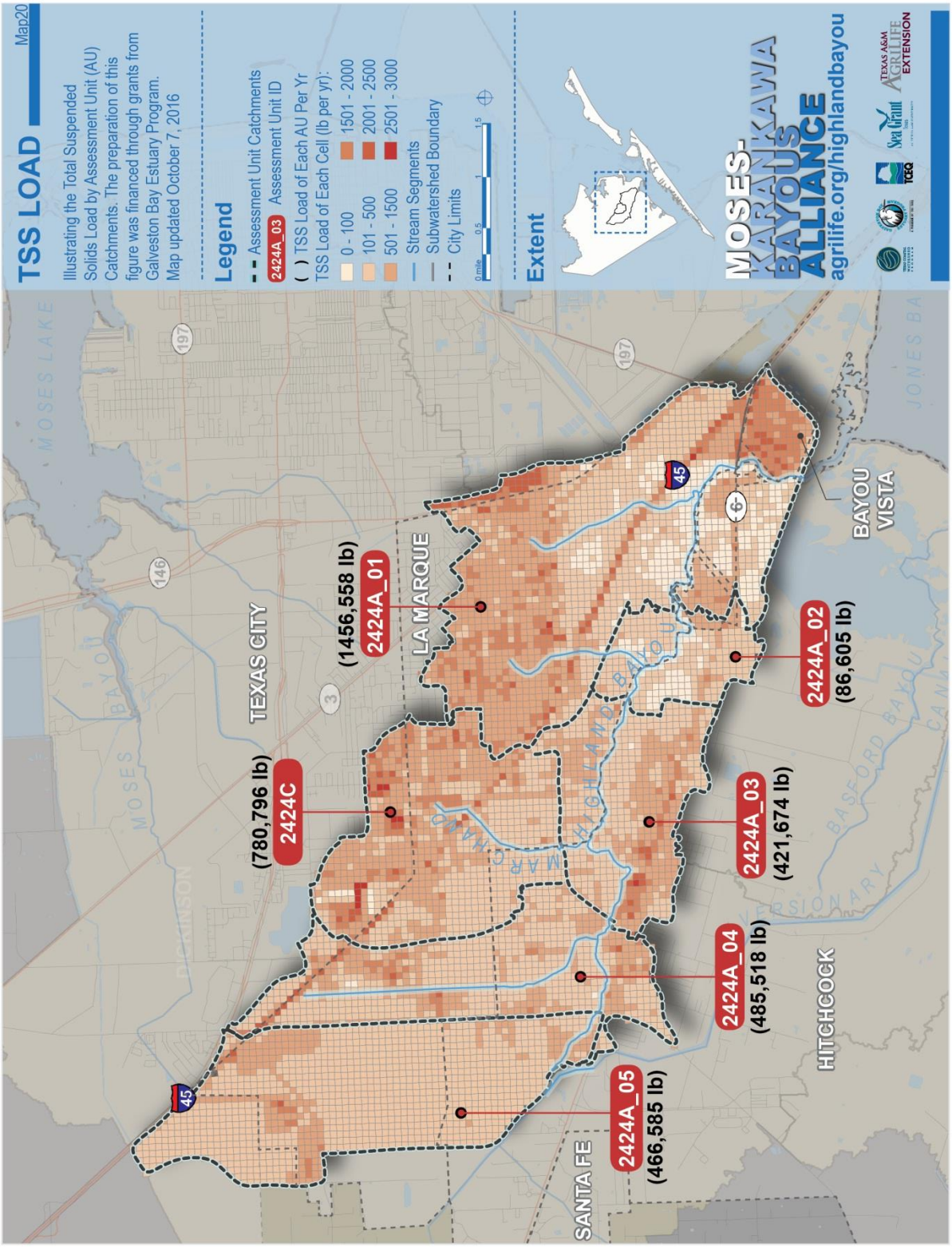
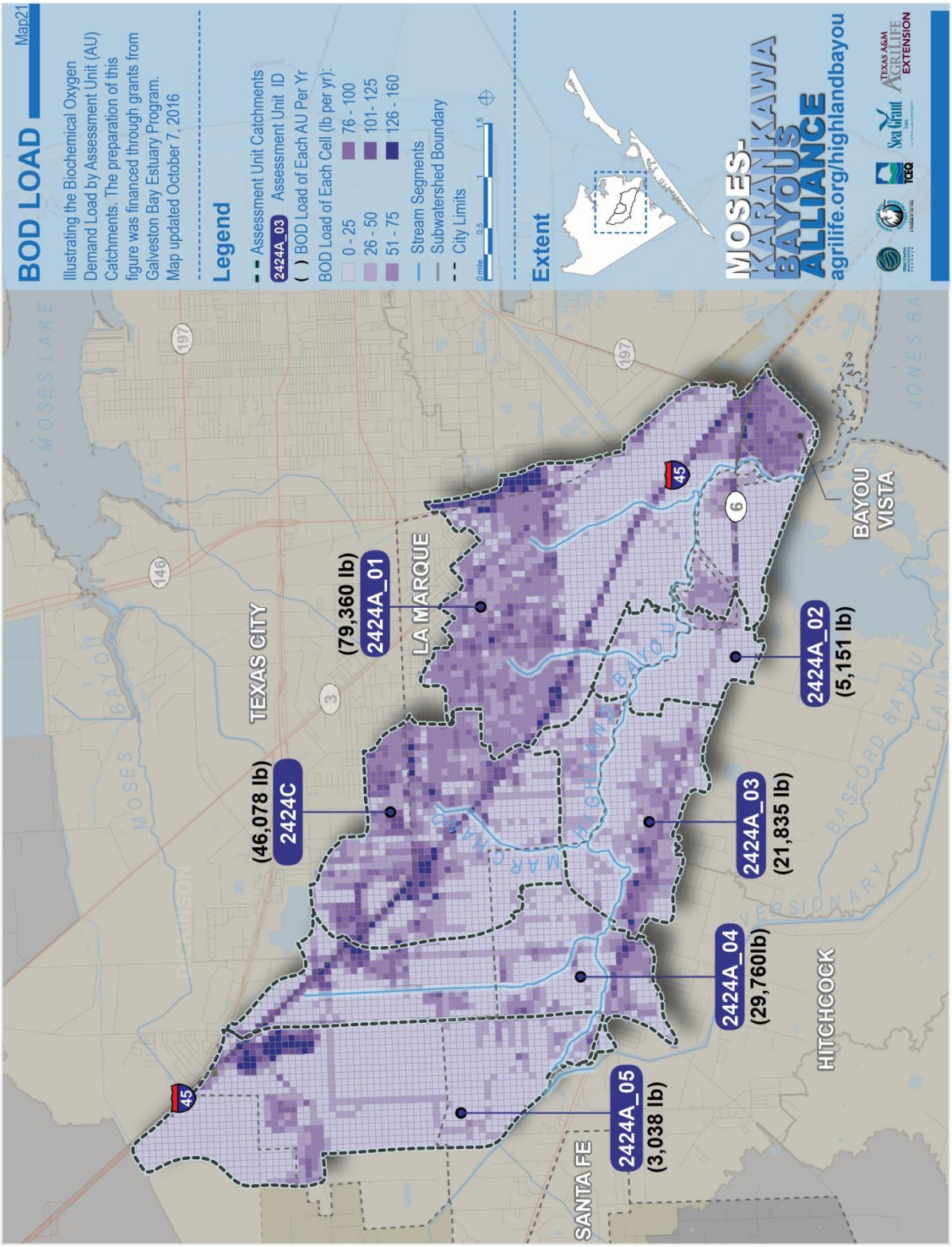
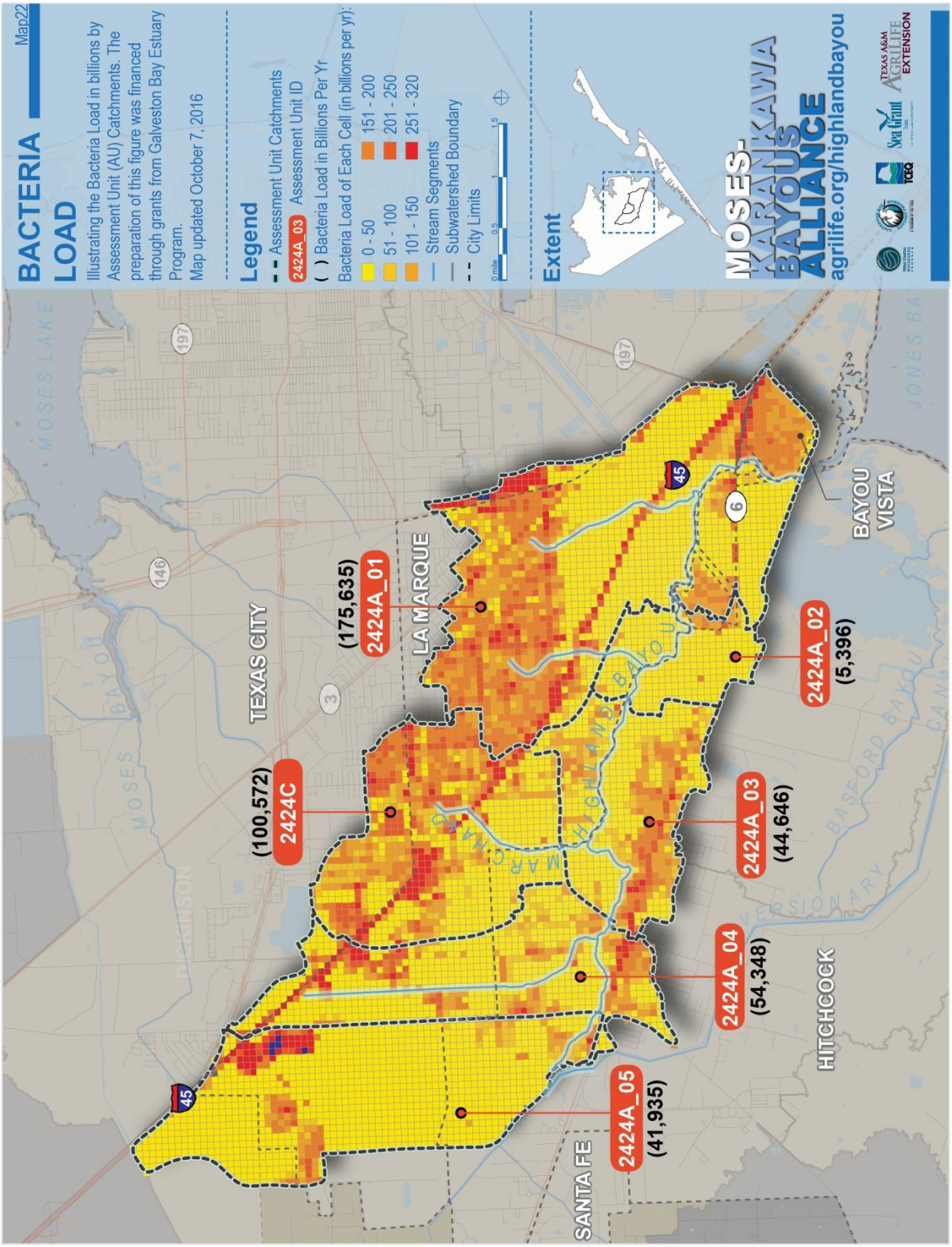

MODELED
LAND USE
Map17
Illustrating the Current Land Use by Assessment Unit (AU) Catchments in the Highland and Marchand watersheds used for load modeling. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
Land Use Cover :
0-4 DUA*
4-8 DUA*
8-16 DUA*
Road
Open Water
Commercial
Industrial
Agricultural
Undeveloped
Stream Segments
Subwatershed Boundary
City Limits
*DUA = Dwelling Unit Per Acre
0 mile 0.5 1 1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
Sea Grant
TCEQ
MOSES LAKE
MOSES BAYOU
PICKINSON
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
JONES BA
BASFORD BAYOU
VERSIONARY
HIGHLAND BAYOU
MARCHAND
2424C
2424A_01
2424A_02
2424A_03
2424A_04
2424A_05
45
146
197
3
6

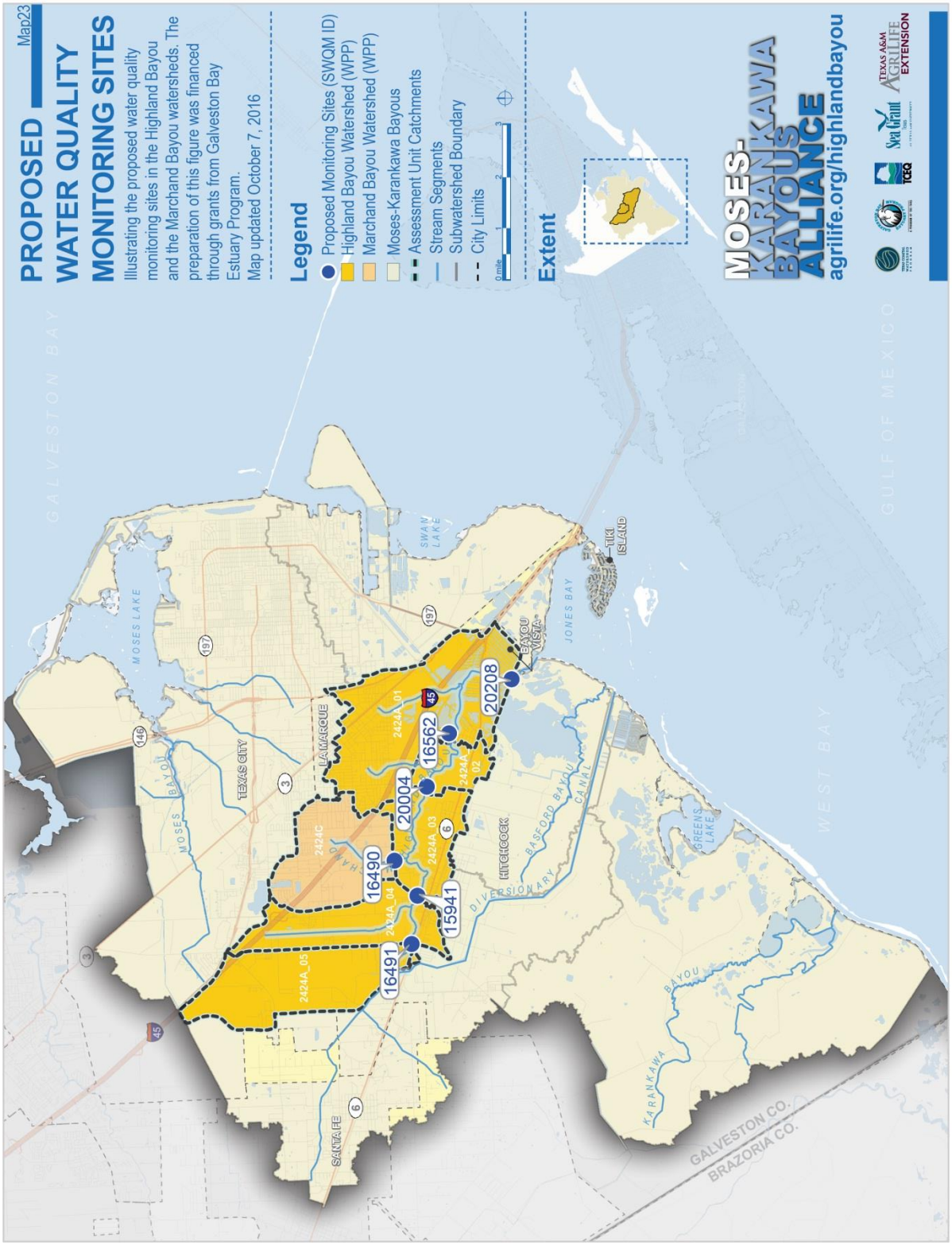

NITROGEN LOAD
Map18
Illustrating the Nitrogen Load by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) Nitrogen Load of Each AU Per Yr
Nitrogen Load of Each Cell (lb per yr):
0 - 6
6.1 - 12
12.1 - 18
18.1 - 24
24.1 - 30
30.1 - 36
Stream Segments
Subwatershed Boundary
City Limits
0 mile
0.5
1
1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
MOSES LAKE
TEXAS CITY
LA MARQUE
BAYOU VISTA
SANTA FE
HITCHCOCK
JONES BAYOU
BASFORD BAYOU
HIGHLAND BAYOU
(12,749 lb)
2424C
(21,650 lb)
2424A_01
2424A_02
(1,734 lb)
2424A_03
(6,557 lb)
2424A_04
(8,912 lb)
2424A_05
(9,602 lb)
45
197
146
3
6

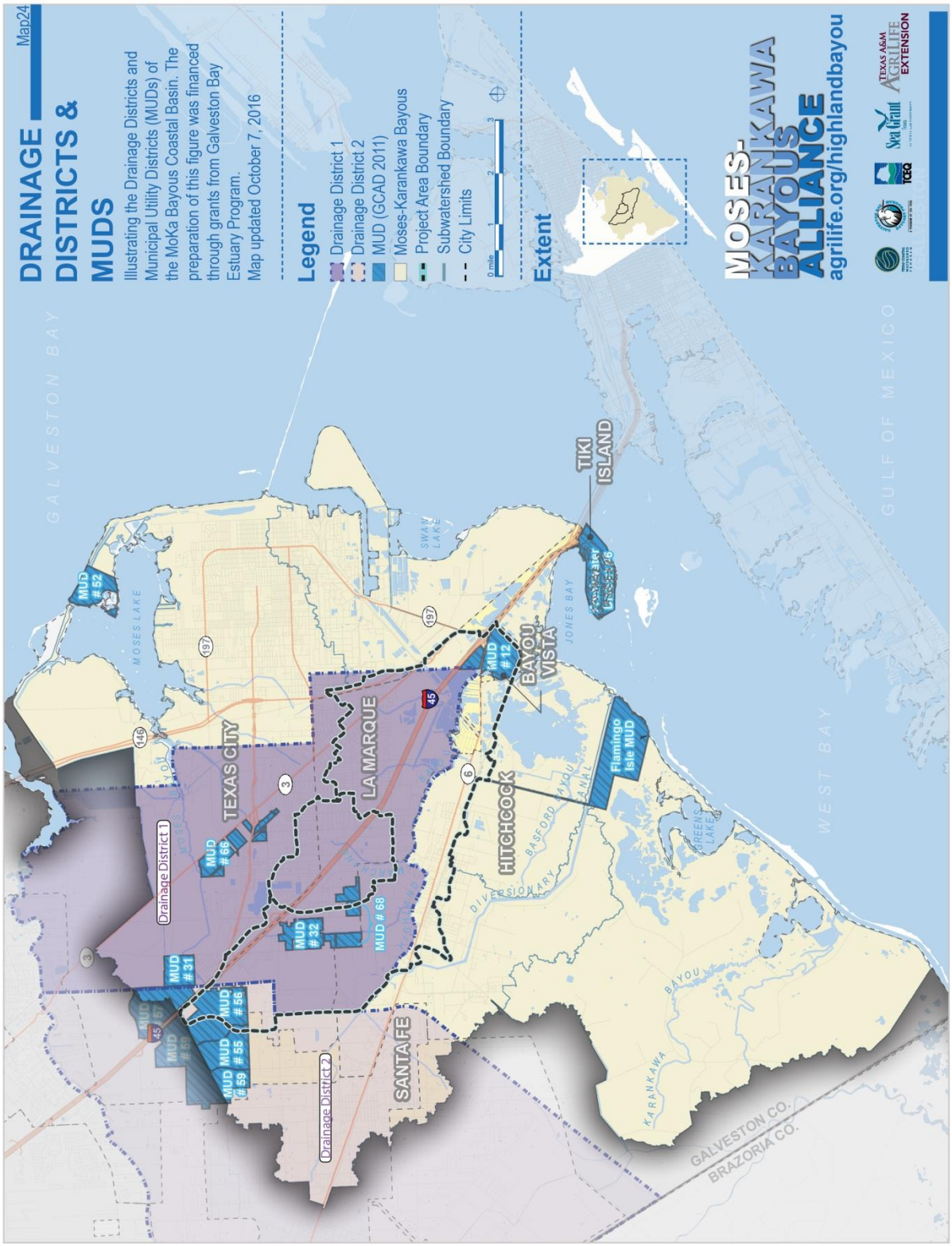

PHOSPHOROUS LOAD
Map19
Illustrating the Phosphorous Load by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) Phosphorous Load of Each AU Per Yr
Phosphorous Load of Each Cell (lb per yr):
0 - 1
1.1 - 2
2.1 - 3
3.1 - 4
4.1 - 5
5.1 - 6
Stream Segments
Subwatershed Boundary
City Limits
0 mile 0.5 1 1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
(1,742 lb)
2424C
(3,041 lb)
2424A_01
2424A_02
(250 lb)
2424A_03
(944 lb)
2424A_04
(1,240 lb)
2424A_05
(1,351 lb)
TEXAS CITY
LA MARQUE
BAYOU VISTA
HITCHCOCK
SANTA FE
MOSES LAKE
JONES BAY
BASFORD BAYOU
HIGHLAND BAYOU
MARCHAND
DICKINSON
197
146
3
45
6

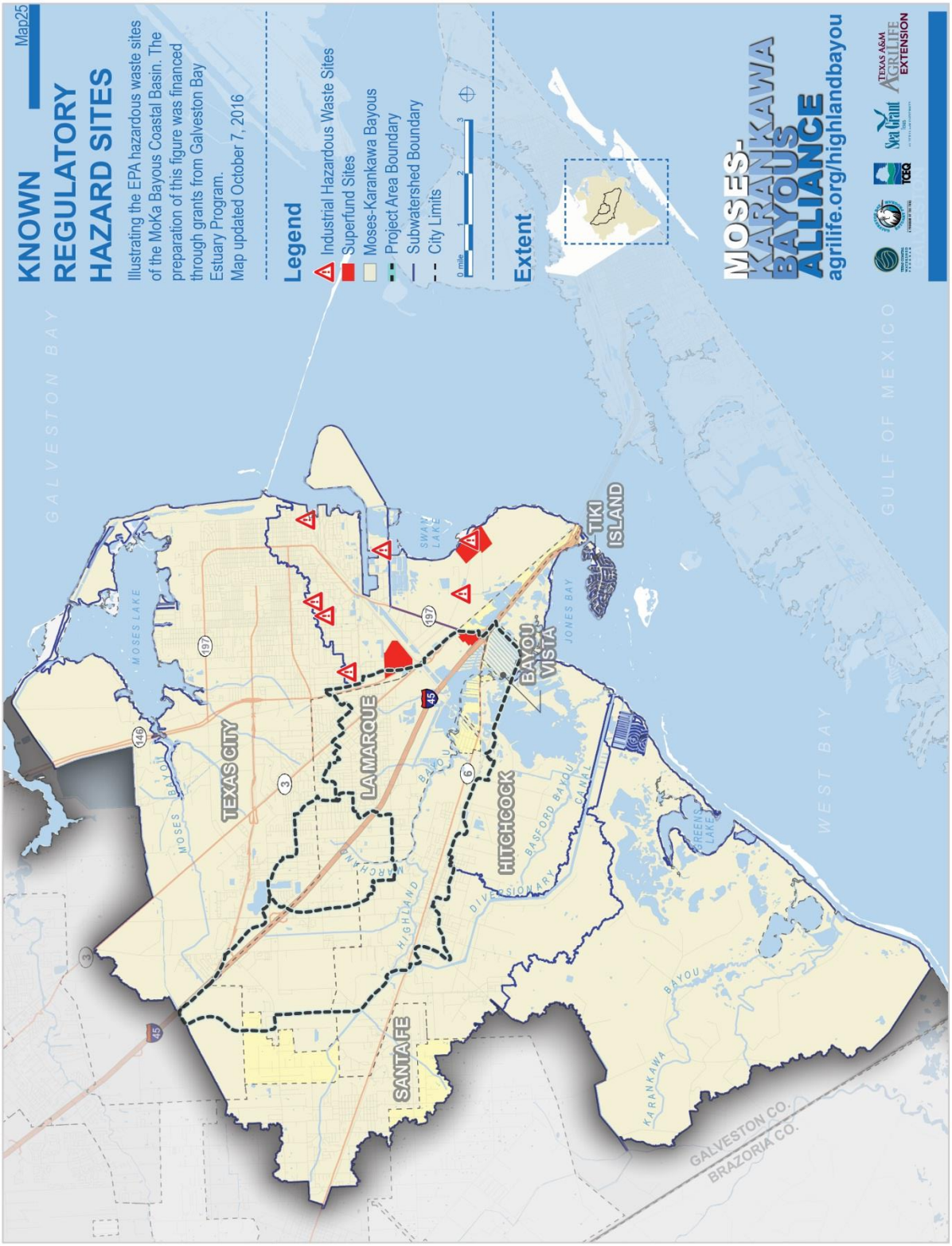

TSS LOAD
Map20
Illustrating the Total Suspended Solids Load by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) TSS Load of Each AU Per Yr
TSS Load of Each Cell (lb per yr):
0 - 100
101 - 500
501 - 1500
1501 - 2000
2001 - 2500
2501 - 3000
Stream Segments
Subwatershed Boundary
City Limits
0 mile
0.5
1
1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
Sea Grant
TCEQ
MOSES LAKE
MOSES BAYOU
PICKINSON
TEXAS CITY
LA MARQUE
HIGHLAND BAYOU
BAYOU VISTA
JONES BA
BASFORD BAYOU
HITCHCOCK
SANTA FE
(780,796 lb)
2424C
(1456,558 lb)
2424A_01
2424A_02
(86,605 lb)
2424A_03
(421,674 lb)
2424A_04
(485,518 lb)
2424A_05
(466,585 lb)
45
146
197
3
6


BOD LOAD
Map21
Illustrating the Biochemical Oxygen Demand Load by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) BOD Load of Each AU Per Yr
BOD Load of Each Cell (lb per yr):
0 - 25
26 - 50
51 - 75
76 - 100
101- 125
126 - 160
Stream Segments
Subwatershed Boundary
City Limits
0 mile 0.5 1 1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
(46,078 lb)
2424C
(79,360 lb)
2424A_01
2424A_02
(5,151 lb)
2424A_03
(21,835 lb)
2424A_04
(29,760lb)
2424A_05
(3,038 lb)
TEXAS CITY
LA MARQUE
BAYOU VISTA
HITCHCOCK
SANTA FE
MOSES LAKE
JONES BA
BASFORD BAYOU
CANAL
VERSIONARY
HIGHLAND BAYOU
MOSES BAYOU
DICKINSON
45
197
146
3
6


BACTERIA LOAD
Map22
Illustrating the Bacteria Load in billions by Assessment Unit (AU) Catchments. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Assessment Unit Catchments
2424A_03 Assessment Unit ID
( ) Bacteria Load in Billions Per Yr
Bacteria Load of Each Cell (in billions per yr):
0 - 50
51 - 100
101 - 150
151 - 200
201 - 250
251 - 320
Stream Segments
Subwatershed Boundary
City Limits
0 mile 0.5 1 1.5
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
MOSES LAKE
MOSES BAYOU
PICKINSON
TEXAS CITY
LA MARQUE
HIGHLAND BAYOU
BAYOU VISTA
JONES BA
BASFORD BAYOU
HITCHCOCK
SANTA FE
(100,572)
2424C
(175,635)
2424A_01
2424A_02
(5,396)
2424A_03
(44,646)
2424A_04
(54,348)
2424A_05
(41,935)
45
146
197
3
6


PROPOSED
WATER QUALITY
MONITORING SITES
Map23
Illustrating the proposed water quality monitoring sites in the Highland Bayou and the Marchand Bayou watersheds. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Proposed Monitoring Sites (SWQM ID)
Highland Bayou Watershed (WPP)
Marchand Bayou Watershed (WPP)
Moses-Karankawa Bayous
Assessment Unit Catchments
Stream Segments
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
SWAN LAKE
JONES BAY
TIKI ISLAND
BAYOU VISTA
GREENS LAKE
WEST BAY
GULF OF MEXICO
GALVESTON CO.
BRAZORIA CO.
MOSES BAYOU
KARANKAWA BAYOU
DIVERSIONARY CANAL
BASFORD BAYOU
2424A_01
2424A_02
2424A_03
2424A_04
2424A_05
2424C
16490
16491
15941
20004
16562
20208
146
197
45
3
6


DRAINAGE DISTRICTS & MUDS
Map24
Illustrating the Drainage Districts and Municipal Utility Districts (MUDs) of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Drainage District 1
Drainage District 2
MUD (GCAD 2011)
Moses-Karankawa Bayous
Project Area Boundary
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
GALVESTON BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
SANTA FE
HITCHCOCK
BAYOU VISTA
TIKI ISLAND
JONES BAY
SWAN LAKE
GULF OF MEXICO
WEST BAY
GREEN LAKE
KARANKAWA BAYOU
BASFORD BAYOU
DIVERSIONARY CANAL
GALVESTON CO.
BRAZORIA CO.
Drainage District 1
Drainage District 2
MUD # 52
MUD # 66
MUD # 31
MUD # 32
MUD # 68
MUD # 12
MUD # 56
MUD # 57
MUD # 58
MUD # 59
MUD # 55
MUD # 54
Flamingo Isle MUD
Texas A&M AgriLife Extension
Sea Grant
TCEQ


KNOWN REGULATORY HAZARD SITES
Map25
Illustrating the EPA hazardous waste sites of the MoKa Bayous Coastal Basin. The preparation of this figure was financed through grants from Galveston Bay Estuary Program.
Map updated October 7, 2016
Legend
Industrial Hazardous Waste Sites
Superfund Sites
Moses-Karankawa Bayous
Project Area Boundary
Subwatershed Boundary
City Limits
0 mile 1 2 3
Extent
MOSES-KARANKAWA BAYOUS ALLIANCE
agrilife.org/highlandbayou
Texas A&M AgriLife Extension
Sea Grant
TCEQ
GALVESTON BAY
GULF OF MEXICO
WEST BAY
MOSES LAKE
TEXAS CITY
LA MARQUE
HITCHCOCK
SANTA FE
BAYOU VISTA
TIKI ISLAND
SWAN LAKE
JONES BAY
GREEN LAKE
MOSES BAYOU
HIGHLAND
BASFORD BAYOU
KARANKAWA BAYOU
GALVESTON CO.
BRAZORIA CO.