Hurricane Harvey – Texas Unified Command
Mission Assignment Transition from Response to Recovery

<u>Corpus Christi Branch</u>
Operational Activity Transition Record
For Orphan Drum and Container Collection and Spills/Discharges from Facilities

To: Susan Clewis
Region 14 Director
Texas Commission on Environmental Quality

From: Hurricane Harvey Unified Command

Thru: Hurricane Harvey - Texas Unified Command for Emergency Support Function (ESF) #10

The Unified Command (UC) has complete ESF-10 assignments under FEMA Mission Assignment number 4332DR-TX-EPA at the Corpus Christi Branch and intends transition to the recovery phase of operations. A summary of response actions is outlined below. As a result, UC is recommending initiation of an organized, thoughtful, and gradual reduction in personnel in the field to facilitate a smooth transition back to normal operations with state and local authorities.

On September 7, 2017, Texas Governor Abbott created the Governor's Commission to Rebuild Texas. EPA agreed to support the Governor's Commission to effectively coordinate the State's effort to recover and rebuild public infrastructure damaged by Hurricane Harvey and will do so under a separate FEMA Mission Assignment for Long-term Recovery if issued by FEMA. The duties of the Commission shall include: assisting local governmental entities and nonprofit organizations to assess and identify rebuilding needs and to navigate state and federal resources available for the rebuilding effort; advocating for the interests of state and local government on matters related to disaster response; and providing expertise and assistance to local governmental entities and nonprofit organizations throughout the rebuilding process.

7019093

_____ Date: _____
EPA Incident Commander

_____ Date: _____
TCEQ Incident Commander

Action: 1	Purpose and Background
Assignee(s):	Operations Section Chief and Branch Director

Information:

FEMA Interagency Agreement (IAG) and Mission Assignment (MA):
4332-DR-TX-EPA-03

Operational Branch: Corpus Christi (Alpha)

Area of Responsibility (AOR)/Counties: Aransas, Bee, Calhoun, De Witt, Goliad, Gonzales, Jackson, Kleberg, Lavaca, Nueces, Refugio, San Patricio, Victoria

Operational Category: Assessment, identification, removal and disposal of orphan drums and containers; assessment, identification, abatement, containment, and mitigation of potential or actual discharges/releases from facilities.

Authorized Activities: Conduct field operations to remove and dispose of oil and hazardous substances in the form of orphan drums and containers, and conduct field operations to abate, contain, and mitigate potential or actual discharges/releases from facilities.

Attachment 1: Mission Assignment 4332DR-TX-EPA-03-00 and Amended Mission Assignments 4332DR-TX-EPA-03-02 and 4332DR-TX-EPA-03-03

Action: 2	Findings
Assignee(s):	Operations Section Chief and Branch Director

Milestones:
The Unified Command (UC) conducted response activities to mitigate exposure threats from oil and hazardous substances associated with orphan drums and containers, and potential or actual discharges/releases from facilities. These recovery efforts were focused throughout the

affected areas of the Corpus Christi Branch AOR. Some orphan drums and containers were recovered in the incorporated areas while others were associated with the rural and sensitive areas (open water, marsh, and swamp areas) of the Corpus Christi Branch AOR. These orphan drums and containers appeared to have originated from land based businesses, and/or off-shore petroleum operations. All recovery efforts were conducted in such a manner as to avoid or minimize additional damage to the sensitive environments within the Corpus Christi Branch AOR. To this end, prior to beginning recovery operations in an area, both ground and aerial reconnaissance (where applicable) were conducted. The UC was able to; gather information on recovery targets; evaluate possible access routes; procure temporary staging locations (if necessary); determine appropriate equipment needs, and evaluate safety considerations. The UC also assigned unique identifications in its Response Manager database for orphan drum and container targets, and facility spills/discharges.

Following the reconnaissance, the UC created tactical maps of all targets located within the Corpus Christi Branch AOR. The UC developed performance guidelines in conjunction with both State and Federal natural resources trustee agencies. The goal of the response effort was to minimize any collateral environmental damage, while mitigating hazardous material threats to public health and environment. When operations were conducted in sensitive habitats, wetlands-experienced personnel documented all activities before, during and after recovery.

The UC conducted the following best management practices and conservation measures:

- Preservation of Existing Habitats: Recovery activities were minimized and focused on the protection of existing vegetation.
- Selectivity of Recovery Equipment: Equipment was chosen and employed to avoid or minimize adverse effects to habitat and wildlife.
- Spill Prevention: Control and countermeasures were implemented to reduce the risk of spills during recovery operations.

A system of grids and zones was created to track collection progress. Upon completion of recovery operations in an area, ground and/or aerial verification was conducted.

The UC processed a total of 98 locations through Corpus Christi Branch orphan drum and container operations, and a total of 58 locations through the Corpus Christi Branch facility discharge operations.

The UC conducted recovery of orphan drums and containers in Corpus Christi Branch from approximately August 28, 2017 through September __, 2017.

Some items were left in place because they were not a hazardous material threat or the contents were emptied and the containers no longer posed a significant public health or environmental risk relative to the likely environmental impact required for removal. Other containers were left in place when owners could be identified and contacted, resulting in the owner performing removal of their items. In addition, some containers or spills were referred to other state or local agencies. Containers located on federal land were referred to those agencies which own the land, such as Department of Interior or US Army Corp of Engineer. These items were not addressed under this mission assignment as Federal lands are outside the

statutory authority of the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

In the Corpus Christi Branch AOR, no orphan drum and container items remain open that require recovery.

The UC conducted abatement and mitigation operations regarding facility discharges/releases in the Corpus Christi Branch from approximately August 28, 2017 through September __, 2017.

A total of 35 facility discharges/releases were referred to the proper State or Federal agency. The state/federal agencies will close out these facilities under their normal business practices.

On September __,2017, TCEQ indicated they were ready to transition recovery activities from ESF-10 Unified Command back to the state.

Attachment 2: Corpus Christi Branch Map Showing Recovery Required and Left in Place Orphan Drum and Container Locations by County
Attachment 3: Corpus Christi Branch Table of Recovery Required and Left in Place Orphan Drums and Containers by County
Attachment 4: Corpus Christi Branch Chart of Orphan Drum and Container Recovery Totals by Type
Attachment 5: Corpus Christi Branch Table of Drums and Containers Left in Place by County
Attachment 6: Corpus Christi Branch Table of Drums and Containers Referred to a Responsible Party or to Another Agency by County
Attachment 7: Corpus Christi Branch Table of Facilities/Spills Referred to a Responsible Party or to Another Agency by County
Attachment 8: Corpus Christi Branch Map Showing Open Item Facilities Referred to the State Agencies by County
Attachment 9: Corpus Christi Branch Table Showing Open Item Facilities Referred to the State Agencies by County.

Action: 3	Continuously evaluate operational activities and identify decision point for completion of activity or its transition back to state and/or County.
Assignee(s):	Operations Section Chief and Branch Director
Activity Transition Criteria: Orphaned container collection continued until transitioned to the state. Aside from the targets left open or turned over to the State Agencies and/or Agency contractors, and County contractors all known hazardous material threats were mitigated, but containers that may have sunk, were hidden by debris, or were otherwise unknown to the responders may still be present.	

Action: 4	Work with TCEQ officials to establish a mission transition strategy (including Outreach strategy) and mission completion schedule.
Assignee(s):	Branch Director
Strategy details and schedule: Unified Command recovered all identifiable targets. Any future containers should be identified and recovered through normal business operations.	
Action: 5	Brief Agency contacts on activity completion prior to implementation.
Assignee(s):	Unified Command
Results: The Unified Command has briefed their respective agency contacts prior to transition.	

Action: 6	Concurrently Brief JFO/AFO on activity closeout prior to implementation.
Assignee(s):	Unified Command
Results: No formal briefing to the JFO/AFO will be required for this activity as the Corpus Christi Branch is closed out.	

ATTACHMENT 1

FEMA MISSION ASSIGNMENT

4332DR-TX-EPA-03-00

AND AMENDED MISSION ASSIGNMENTS

NTS 4332DR-TX-EPA-03-02

AND 4332DR-TX-EPA-03-03

DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
MISSION ASSIGNMENT (MA)

See Reverse for Paperwork Burden Disclosure Notice

O.M.B. NO. 1660-0047
Expires March 31, 2014

I. TRACKING INFORMATION (FEMA Use Only)

State	NEMIS Number
TX (Texas) Incident:2017082301-Hurricane Harvey	1509-236866
Program Code/Event Number 4332DR-TX: HURRICANE HARVEY	Date/Time Received 08/28/2017 16:14

II. ASSISTANCE REQUIRED ☐ See Attached

Assistance Requested
Requested ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharge. This assistance includes response to release/discharges from fixed facilities, as well as orphaned containers and mobile sources.

Delivery Location	Internal Control Number	Date/Time Required
USCG Command Center, 1213 Terry Shamsie Blvd. Robstown, TX 78380	1855-289798	08/29/2017

Initiator/Requestor Name	24 Hour Phone Number	Email Address	Date
Anthony Buck	(512) 563-3935	Anthony.Buck@tceq.texas.gov	08/28/2017
Site POC Name SALTERS, ARCHIE PHILLIP	24 Hour Phone Number (940) 898-5222	Email Address archie.salters@fema.dhs.gov	Date 08/28/2017
* State Approving Official (Required for DFA and TA)			Date

III. INITIAL FEDERAL COORDINATION (Operations Section)

Action to:	☒ ESF #: 10 ☐ Other:	Date/Time 08/28/2017 15:57	**Priority**	☐ 1. Lifesaving ☒ 2. Life sustaining	☐ 3. High ☐ 4. Medium

IV. DESCRIPTION (Assigned Agency Action Officer) ☐ See Attached

Statement of Work
As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure; assist In the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharges/releases; and augmenting personnel for response operations. In addition,

Your agency must validate the unliquidated MA balance at least annually as stipulated by FEMA to maintain reimbursable authority. Accrual data must also be provided to FEMA no later than the third business day after fiscal quarter end close. Information can be submitted FEMA-Disaster-MA-ULO@DHS.gov

Assigned Agency	Projected Start Date	Projected End Date
EPA (ENVIRONMENTAL PROTECTION AGY)	08/29/2017	09/11/2017
☒ New or ☐ Amendment to MA #:	Total Cost Estimate $8,592,000.00	
ESF/OFA Action Officer LCDR ALLISON COX	Phone No. (415) 320-5347	Email Allison.B.Cox@uscg.mil

V. COORDINATION (FEMA Use Only)

Type of MA: ☒ Direct Federal Assistance State Cost Share (0%, 10%, 25%) ☐ Technical Assistance State Share (0%) ☐ Federal Operations Support State Share (0%)

State Cost Share Percent 25.0 % State Cost Share Amount: $ 2,148,000.00

Fund Citation: 2017-06-4332DR-9064-XXXX-2508-D Appropriation code: 70X0702

Mission Assignment Manager (Preparer)	Date
ARIANNE DERUISE	08/28/2017
** FEMA Project Manager/Branch Director (Program Approval) ARCHIE SALTERS	Date 08/28/2017
** Comptroller/Funds Control (Funds Review) JONES III, CLIFFTON H.	Date 08/28/2017

VI. APPROVAL

*State Approving Official (required for DFA and TA):	Date
**Federal Approving Official (required for all): LAVERM YOUNG JR	Date 08/28/2017

VII. OBLIGATION (FEMA Use Only)

Mission Assignment Number 4332DR-TX-EPA-03	Amount This Action $ 8,592,000.00	Date/Time Obligated 08/28/2017
Amendment Number 00	Cumulative Amount $ 8,592,000.00	Initials: IFMIS

*** Signature required for Direct Federal Assistance and Technical Assistance MAs.**
**** Signature required for all MAs.**

Additional Mission Statement

ESF 10 will conduct aerial assessments to assess discharges/releases; accumulations of orphaned containers, and damages to oil/chemical facilities. This information will be used to help ensure safety of response personnel entering into the impacted areas.

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 3 minutes per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting this form. This collection of information is required to obtain or retain benefits. You are not required to respond to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 1800 South Bell Street, Arlington, VA 20598-3005, Paperwork Reduction Project (1660-0047). **Note: Do not send your completed form to this address.**

INSTRUCTIONS

Items on the Mission Assignment (MA) form that are not listed are self-explanatory.

I. TRACKING INFORMATION. Completed by Action Tracker or other Operations staff. Required for all request.

State: If multi-State, choose State most likely to receive resource(s), (i.e., when using 7220-SU Program Code)
Action Request No.: Based on chronological log number. Used for tracking.
Program Code/Event No.: The pre-declaration, emergency, or major disaster number assigned for funding the event. Examples: 7220-SU, 4220-AD, 3130-EM, 1248-DR.

II. ASSISTANCE REQUESTED. Complete by requestor.

Assistance Requested: Detail of resource shortfalls, give specific deliverables or simply state the problem.
Internal Control No.: Internal requestor reference, log, or control number, if applicable.
Initiator/Requestor: The initiator may be an individual filling out the mission assignment and making a request on behalf of the POC.
POC Name: The person coordinating reception and utilization of the requested resources. 24-hour contact information required.
State Approving Official: Signature certifies that State and local government cannot perform, nor contract for the performance, of the requested work and agrees to pay cost share if any.

II. INITIAL FEDERAL COORDINATION. Completed by the Operations Section Chief.

Action to: Operations Chief notes assigned organization. May be Emergency Support Function (ESF), internal FEMA organization, or other organization, which assigns the Action Officer.

Rest of MA used only if solution to request Federal agency to perform reimbursable work under (MA). Best solution may be internal resources or commercial vendor. Deliberate evaluation must occur before MA is completed and MA is issued.

IV. DESCRIPTION. Completed by assigned agency Action Officer.

Statement of Work: Description steps to complete the request. Include discussion of personnel, equipment; sub tasked agencies, contracts and other resources required. This can be provided as an attachment.
Assigned Agency: Agency receiving the MA from FEMA. Activities within the scope of an ESF result in an MA to the primary agency. Cite subordinate organization if applicable. Example; DOT-FAA, COE-SAD.
Project Completion Date/End Date: If end date is not clear, estimate and budget for 30 or 60 days, then re-evaluate. TBD is not acceptable; some date must be entered into this field.
Total Cost Estimate: A budget can be attached outlining personnel, equipment, contract, sub-tasked agency, travel, and other costs.

V. COORDINATION. Completed by MAM, except for Project Manager and Comptroller signatures. Type of MA: Select only one.
Appropriation Code: Static data. Do not change. This is for information only, should not be used to report internal agency finances to Treasury.

VI. APPROVAL. Completed by State Approving Official and Federal Approving Official.

VII. OBLIGATION. Completed by Financial Specialist
Mission Assignment No.: Assigned in FEMA financial system chronologically using assigned agency acronym and two digit number.
Amendment No.: Note supplement number. For example: COE: SAD-01, Supp. 1, or DOR-08, Supp. 3.
Amount this Action: Taken from total cost estimate above.
Cumulative Amount: Cumulative amount for this MA, including amendments.

DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
MISSION ASSIGNMENT (MA)

See Reverse for Paperwork Burden Disclosure Notice

O.M.B. NO. 1660-0047
Expires March 31, 2014

I. TRACKING INFORMATION (FEMA Use Only)

State	NEMIS Number
TX (Texas) Incident:2017082301-Hurricane Harvey	1509-237723
Program Code/Event Number 4332DR-TX: HURRICANE HARVEY	Date/Time Received 09/02/2017 21:49

II. ASSISTANCE REQUIRED ☐ See Attached

Assistance Requested
Amendment #2: Amend to change Federal cost share to 100% per FRN #4 of the Presidential Declaration.

Amendment #1: Amend to change projected end date to 9/30/17 and OFA Action Officer to Steve Mason. No change in funding.

Delivery Location	Internal Control Number	Date/Time Required
USCG Command Center, 1213 Terry Shamsie Blvd. Robstown, TX 78380	1855-289798 and email	09/02/2017

Initiator/Requestor Name	24 Hour Phone Number	Email Address	Date
Anthony Buck	(512) 563-3935	Anthony.Buck@tceq.texas.gov	09/02/2017
Site POC Name MCMAHON, STACY L	24 Hour Phone Number	Email Address stacy.mcmahon@fema.dhs.gov	Date 09/02/2017
* State Approving Official (Required for DFA and TA)			Date

III. INITIAL FEDERAL COORDINATION (Operations Section)

Action to:	Date/Time	Priority
☒ ESF #: 10 ☐ Other:	09/02/2017 21:44	☐ 1. Lifesaving ☐ 3. High ☒ 2. Life sustaining ☐ 4. Medium

IV. DESCRIPTION (Assigned Agency Action Officer) ☐ See Attached

Statement of Work
As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure; assist In the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharges/releases; and augmenting personnel for response operations. In addition,

Your agency must validate the unliquidated MA balance at least annually as stipulated by FEMA to maintain reimbursable authority. Accrual data must also be provided to FEMA no later than the third business day after fiscal quarter end close. Information can be submitted FEMA-Disaster-MA-ULO@DHS.gov

Assigned Agency	Projected Start Date	Projected End Date
EPA (ENVIRONMENTAL PROTECTION AGY)	08/29/2017	09/30/2017
☐ New or ☒ Amendment to MA #: 4332DRTXEPA0301	Total Cost Estimate $0.00	
ESF/OFA Action Officer STEVE MASON	Phone No. (214) 789-1871	Email mason.steve@epa.gov

V. COORDINATION (FEMA Use Only)

Type of MA: ☒ Direct Federal Assistance State Cost Share (0%, 10%, 25%) ☐ Technical Assistance State Share (0%) ☐ Federal Operations Support State Share (0%)

State Cost Share Percent 0.0 % State Cost Share Amount: $ 0.00

Fund Citation: 2017-06-4332DR-9064-XXXX-2508-D Appropriation code: 70X0702

Mission Assignment Manager (Preparer) ARIANNE DERUISE	Date 09/02/2017
** FEMA Project Manager/Branch Director (Program Approval) STACY MCMAHON	Date 09/02/2017
** Comptroller/Funds Control (Funds Review) HAMRICK, WILLIAM J.	Date 09/03/2017

VI. APPROVAL

*State Approving Official (required for DFA and TA):	Date
**Federal Approving Official (required for all): LAVERM YOUNG JR	Date 09/03/2017

VII. OBLIGATION (FEMA Use Only)

Mission Assignment Number 4332DR-TX-EPA-03	Amount This Action $ 0.00	Date/Time Obligated 09/04/2017
Amendment Number 02	Cumulative Amount $ 8,592,000.00	Initials: IFMIS

*** Signature required for Direct Federal Assistance and Technical Assistance MAs.**
**** Signature required for all MAs.**

Assistance Requested Continued from Block II

Requested ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharge. This assistance includes response to release/discharges from fixed facilities, as well as orphaned containers and mobile sources.

Additional Mission Statement

ESF 10 will conduct aerial assessments to assess discharges/releases; accumulations of orphaned containers, and damages to oil/chemical facilities. This information will be used to help ensure safety of response personnel entering into the impacted areas.

PAPERWORK BURDEN DISCLOSURE NOTICE

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INSTRUCTIONS

Items on the Mission Assignment (MA) form that are not listed are self-explanatory.

I. TRACKING INFORMATION. Completed by Action Tracker or other Operations staff. Required for all request.

State: If multi-State, choose State most likely to receive resource(s), (i.e., when using 7220-SU Program Code)
Action Request No.: Based on chronological log number. Used for tracking.
Program Code/Event No.: The pre-declaration, emergency, or major disaster number assigned for funding the event. Examples: 7220-SU, 4220-AD, 3130-EM, 1248-DR.

II. ASSISTANCE REQUESTED. Complete by requestor.

Assistance Requested: Detail of resource shortfalls, give specific deliverables or simply state the problem.
Internal Control No.: Internal requestor reference, log, or control number, if applicable.
Initiator/Requestor: The initiator may be an individual filling out the mission assignment and making a request on behalf of the POC.
POC Name: The person coordinating reception and utilization of the requested resources. 24-hour contact information required.
State Approving Official: Signature certifies that State and local government cannot perform, nor contract for the performance, of the requested work and agrees to pay cost share if any.

II. INITIAL FEDERAL COORDINATION. Completed by the Operations Section Chief.

Action to: Operations Chief notes assigned organization. May be Emergency Support Function (ESF), internal FEMA organization, or other organization, which assigns the Action Officer.

Rest of MA used only if solution to request Federal agency to perform reimbursable work under (MA). Best solution may be internal resources or commercial vendor. Deliberate evaluation must occur before MA is completed and MA is issued.

IV. DESCRIPTION. Completed by assigned agency Action Officer.

Statement of Work: Description steps to complete the request. Include discussion of personnel, equipment; sub tasked agencies, contracts and other resources required. This can be provided as an attachment.
Assigned Agency: Agency receiving the MA from FEMA. Activities within the scope of an ESF result in an MA to the primary agency. Cite subordinate organization if applicable. Example; DOT-FAA, COE-SAD.
Project Completion Date/End Date: If end date is not clear, estimate and budget for 30 or 60 days, then re-evaluate. TBD is not acceptable; some date must be entered into this field.
Total Cost Estimate: A budget can be attached outlining personnel, equipment, contract, sub-tasked agency, travel, and other costs.

V. COORDINATION. Completed by MAM, except for Project Manager and Comptroller signatures. Type of MA: Select only one.
Appropriation Code: Static data. Do not change. This is for information only, should not be used to report internal agency finances to Treasury.

VI. APPROVAL. Completed by State Approving Official and Federal Approving Official.

VII. OBLIGATION. Completed by Financial Specialist
Mission Assignment No.: Assigned in FEMA financial system chronologically using assigned agency acronym and two digit number.
Amendment No.: Note supplement number. For example: COE: SAD-01, Supp. 1, or DOR-08, Supp. 3.
Amount this Action: Taken from total cost estimate above.
Cumulative Amount: Cumulative amount for this MA, including amendments.

DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
MISSION ASSIGNMENT (MA)

See Reverse for Paperwork Burden Disclosure Notice

O.M.B. NO. 1660-0047
Expires March 31, 2014

I. TRACKING INFORMATION (FEMA Use Only)

State	NEMIS Number
TX (Texas) Incident:2017082301-Hurricane Harvey	1509-238706
Program Code/Event Number 4332DR-TX: HURRICANE HARVEY	Date/Time Received 09/08/2017 21:21

II. ASSISTANCE REQUIRED ☐ See Attached

Assistance Requested
Amendment #3: Amend to obligate an additional $1,500,000.00 to the original Mission Assignment to continue ESF-10 in the impacted areas, including the expanded areas since the initial Mission Assignment. This incremental 5 day funding is based on the burn rate for ESF-10/EPA for activities in the field at the current time.

Amendment #2: Amend to change Federal cost share to 100% per FRN #4 of the Presidential Declaration.

Delivery Location	Internal Control Number	Date/Time Required
USCG Command Center, 1213 Terry Shamsie Blvd. Robstown, TX 78380	1855-289798 and email	09/08/2017

Initiator/Requestor Name	24 Hour Phone Number	Email Address	Date
Anthony Buck	(512) 563-3935	Anthony.Buck@tceq.texas.gov	09/08/2017
Site POC Name MCMAHON, STACY L	24 Hour Phone Number	Email Address stacy.mcmahon@fema.dhs.gov	Date 09/08/2017
* State Approving Official (Required for DFA and TA)			Date

III. INITIAL FEDERAL COORDINATION (Operations Section)

Action to:	Date/Time	Priority
☒ ESF #: 10 ☐ Other:	09/08/2017 20:56	☐ 1. Lifesaving ☐ 3. High ☒ 2. Life sustaining ☐ 4. Medium

IV. DESCRIPTION (Assigned Agency Action Officer) ☐ See Attached

Statement of Work
As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure; assist In the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharges/releases; and augmenting personnel for response operations. In addition,

Your agency must validate the unliquidated MA balance at least annually as stipulated by FEMA to maintain reimbursable authority. Accrual data must also be provided to FEMA no later than the third business day after fiscal quarter end close. Information can be submitted FEMA-Disaster-MA-ULO@DHS.gov

Assigned Agency	Projected Start Date	Projected End Date
EPA (ENVIRONMENTAL PROTECTION AGY)	08/29/2017	09/30/2017
☐ New or ☒ Amendment to MA #: 4332DRTXEPA0302	Total Cost Estimate $1,500,000.00	
ESF/OFA Action Officer STEVE MASON	Phone No. (214) 789-1871	Email mason.steve@epa.gov

V. COORDINATION (FEMA Use Only)

Type of MA: ☒ Direct Federal Assistance State Cost Share (0%, 10%, 25%) ☐ Technical Assistance State Share (0%) ☐ Federal Operations Support State Share (0%)

State Cost Share Percent 0.0 % State Cost Share Amount: $ 0.00

Fund Citation: 2017-06-4332DR-9064-XXXX-2508-D Appropriation code: 70X0702

Mission Assignment Manager (Preparer) MASON MCMASTER	Date 09/08/2017
** FEMA Project Manager/Branch Director (Program Approval) STACY MCMAHON	Date 09/08/2017
** Comptroller/Funds Control (Funds Review) YORK, SHANE T.	Date 09/09/2017

VI. APPROVAL

*State Approving Official (required for DFA and TA):	Date
**Federal Approving Official (required for all): JOHN LONG	Date 09/09/2017

VII. OBLIGATION (FEMA Use Only)

Mission Assignment Number 4332DR-TX-EPA-03	Amount This Action $ 1,500,000.00	Date/Time Obligated 09/09/2017
Amendment Number 03	Cumulative Amount $ 10,092,000.00	Initials: IFMIS

*** Signature required for Direct Federal Assistance and Technical Assistance MAs.**
**** Signature required for all MAs.**

Assistance Requested Continued from Block II

Amendment #1: Amend to change projected end date to 9/30/17 and OFA Action Officer to Steve Mason. No change in funding.

Requested ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharge. This assistance includes response to release/discharges from fixed facilities, as well as orphaned containers and mobile sources.

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Action Request No.: Based on chronological log number. Used for tracking.
Program Code/Event No.: The pre-declaration, emergency, or major disaster number assigned for funding the event. Examples: 7220-SU, 4220-AD, 3130-EM, 1248-DR.

II. ASSISTANCE REQUESTED. Complete by requestor.

Assistance Requested: Detail of resource shortfalls, give specific deliverables or simply state the problem.
Internal Control No.: Internal requestor reference, log, or control number, if applicable.
Initiator/Requestor: The initiator may be an individual filling out the mission assignment and making a request on behalf of the POC.
POC Name: The person coordinating reception and utilization of the requested resources. 24-hour contact information required.
State Approving Official: Signature certifies that State and local government cannot perform, nor contract for the performance, of the requested work and agrees to pay cost share if any.

II. INITIAL FEDERAL COORDINATION. Completed by the Operations Section Chief.

Action to: Operations Chief notes assigned organization. May be Emergency Support Function (ESF), internal FEMA organization, or other organization, which assigns the Action Officer.

Rest of MA used only if solution to request Federal agency to perform reimbursable work under (MA). Best solution may be internal resources or commercial vendor. Deliberate evaluation must occur before MA is completed and MA is issued.

IV. DESCRIPTION. Completed by assigned agency Action Officer.

Statement of Work: Description steps to complete the request. Include discussion of personnel, equipment; sub tasked agencies, contracts and other resources required. This can be provided as an attachment.
Assigned Agency: Agency receiving the MA from FEMA. Activities within the scope of an ESF result in an MA to the primary agency. Cite subordinate organization if applicable. Example; DOT-FAA, COE-SAD.
Project Completion Date/End Date: If end date is not clear, estimate and budget for 30 or 60 days, then re-evaluate. TBD is not acceptable; some date must be entered into this field.
Total Cost Estimate: A budget can be attached outlining personnel, equipment, contract, sub-tasked agency, travel, and other costs.

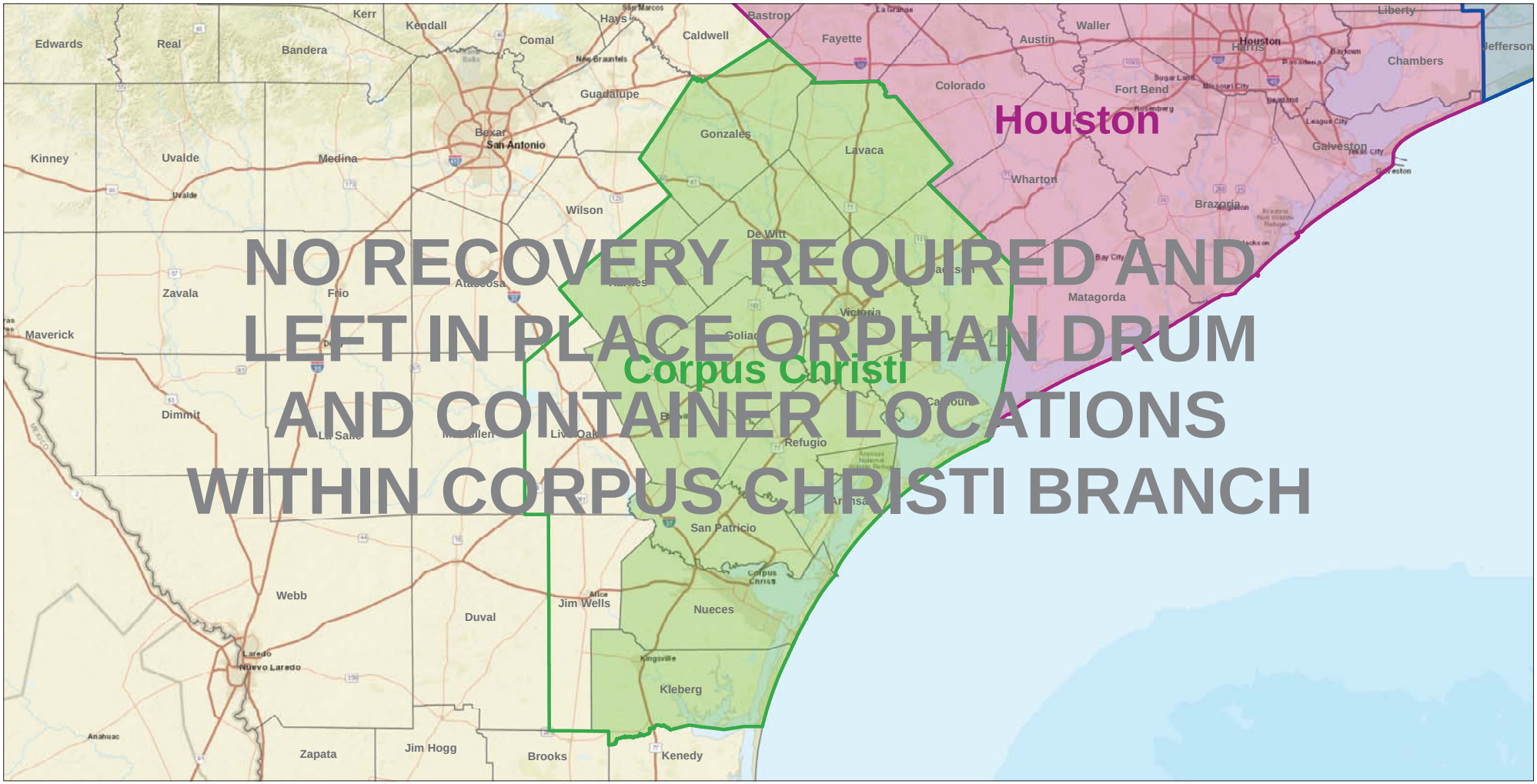
V. COORDINATION. Completed by MAM, except for Project Manager and Comptroller signatures. Type of MA: Select only one.
Appropriation Code: Static data. Do not change. This is for information only, should not be used to report internal agency finances to Treasury.

VI. APPROVAL. Completed by State Approving Official and Federal Approving Official.

VII. OBLIGATION. Completed by Financial Specialist
Mission Assignment No.: Assigned in FEMA financial system chronologically using assigned agency acronym and two digit number.
Amendment No.: Note supplement number. For example: COE: SAD-01, Supp. 1, or DOR-08, Supp. 3.
Amount this Action: Taken from total cost estimate above.
Cumulative Amount: Cumulative amount for this MA, including amendments.

ATTACHMENT 2

CORPUS CHRISTI BRANCH - COUNTY MAP SHOWING RECOVERY REQUIRED AND LEFT IN PLACE ORPHAN DRUM AND CONTAINER LOCATIONS



Legend

Facility/Spill Assessment

- Open
- Open - Cleanup in Progress

Haz/Eval Items

- Open
- Open – Access Denied/ Leave in Place/ Refer to Other Agency

Federally Declared Counties:

- in Corpus Christi Branch
- in Houston Branch
- County Boundary

USA EPA REGION 6

Corpus Christi Branch
Operational Activity Transition Record
For Orphan Drum and Container Collection
and Spills/Discharges from Facilities

ATTACHMENT 2

Recovery Required and Left in Place
Orphan Drum and Container Locations

N W E S

0 10 20
Miles

For Official Use Only

EPA GIS
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FILE: C:\Users\binghamc\Documents\PROJECTS\Harvey_ERS\PATIAL\MXD\Alpha_Transition_Plan\Harvey - EPA Alpha Transition Plan Attachment 2.mxd 2:26:32 PM 9/20/2017 binghamc

ATTACHMENT 3

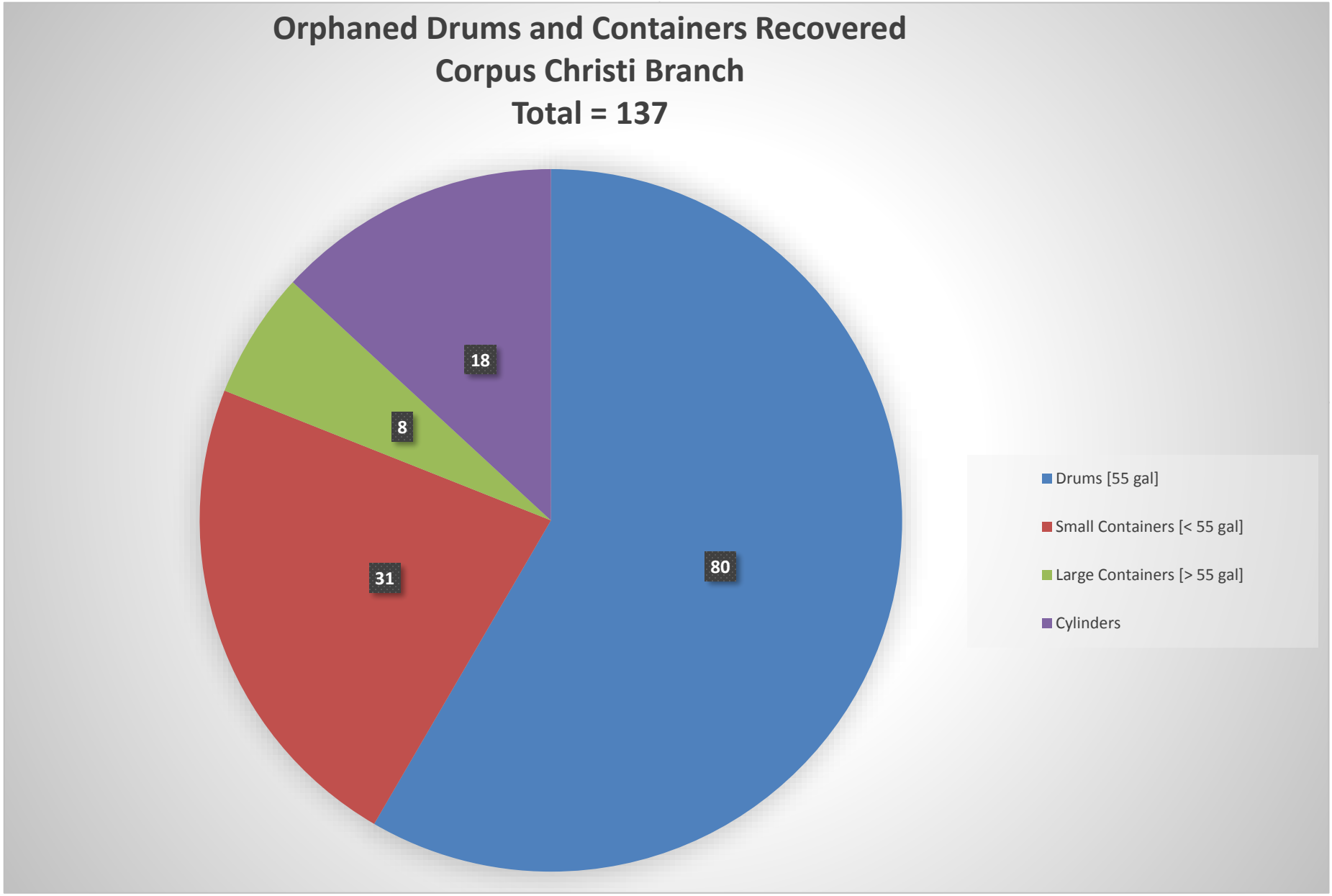
CORPUS CHRISTI BRANCH - TABLE OF RECOVERY REQUIRED AND LEFT IN PLACE ORPHAN DRUMS AND CONTAINERS

Attachment 3
Drums and Containers - Left in Place
Corpus Christi Branch

County	Location ID	Status	Type	Latitude	Longitude
No Orphan Drums / Containers to be recovered by EPA					

ATTACHMENT 4

CORPUS CHRISTI BRANCH - CHART OF ORPHAN DRUM AND CONTAINER RECOVERY TOTALS BY TYPE


Orphaned Drums and Containers Recovered
Corpus Christi Branch
Total = 137
18
8
31
80
Drums [55 gal]
Small Containers [< 55 gal]
Large Containers [> 55 gal]
Cylinders

ATTACHMENT 5

CORPUS CHRISTI BRANCH - TABLE OF CONTAINERS LEFT IN PLACE

Attachment 5
Drums and Containers - Left in Place
Corpus Christi Branch

County	Location ID	Status	Type	Latitude	Longitude
Aransas	UCG-ODR1-A-170914-003	Leave in Place (Closed)	Misc. Containers	27.990384	-97.072288
Aransas	UCG-ODA1-A-170907-002	Leave in Place (Closed)	Drum	27.99186	-97.07729
Aransas	EPA-HE1-A-170909-001	Leave in Place (Closed)	Misc. Containers	27.897661	-97.038471
Aransas	UCG-ODR2-A-170909-003	Leave in Place (Closed)	Drum	27.93777	-97.02682
Aransas	TCQ-HE3-A-170830-001	Leave in Place (Closed)	Drum	28.03684	-97.16096
Aransas	TCQ-HE4-A-170830-001	Leave in Place (Closed)	Cylinder	27.999256	-97.070962
Aransas	TCQ-HE3-A-170830-003	Leave in Place (Closed)	Tank	28.01072	-97.19331
Aransas	TCQ-OCR2-A-170901-002	Leave in Place (Closed)	Tank	27.726424	-97.111347
Aransas	EPA-OCR1-A-170906-001	Leave in Place (Closed)	Tank	27.981273	-97.14669
Aransas	EPA-HE1-A-170903-002	Leave in Place (Closed)	Drum	28.12671	-96.87955
Aransas	EPA-OCR1-A-170911-001	Leave in Place (Closed)	Cylinder	28.164334	-97.013538
Calhoun	UCG-HE1-A-170903-004	Leave in Place (Closed)	Drum	28.13278	-96.80859
Calhoun	UCG-HE1-A-170903-006	Leave in Place (Closed)	Tank	28.13491	-96.80361
Calhoun	UCG-HE1-A-170903-005	Leave in Place (Closed)	Tank	28.13491	-96.80361
Nueces	TCQ-HE5-A-170831-010	Leave in Place (Closed)	Drum	27.792698	-97.093538
Nueces	TCQ-HE7-A-170830-002	Leave in Place (Closed)	Tank	27.7304	-97.132
Nueces	TCQ-HE7-A-170830-001	Leave in Place (Closed)	Drum	27.69918	-97.15318
Nueces	EPA-ODA2-A-170901-002	Leave in Place (Closed)	Tank	27.822813	-97.415813
Nueces	TCQ-HE2-A-170830-002	Leave in Place (Closed)	Misc. Containers	27.887766	-97.114116
Refugio	TCQ-OCR1-A-170902-006	Leave in Place (Closed)	Drum	28.36486	-96.86678
Refugio	TCQ-HE2-A-170903-015	Leave in Place (Closed)	Tank	28.477489	-97.094252
Refugio	TCQ-OCR1-A-170902-001	Leave in Place (Closed)	Drum	28.38902	-96.9097
San Patricio	TCQ-HE2-A-170830-003	Leave in Place (Closed)	Misc. Containers	27.901635	-97.143711

ATTACHMENT 6

CORPUS CHRISTI BRANCH - TABLE OF DRUMS AND CONTAINERS RECOVERED BY RESPONSIBLE PARTY OR REFERRED TO ANOTHER AGENCY

Attachment 6
Drums and Containers - Referred to Other Agency
Corpus Christi Branch

County	Location ID	Status	Type	Latitude	Longitude
Aransas	EPA-AT2-A-170901-012	Refer to Other Agency, no EPA needed (Closed)	Misc. Containers	28.21469	-96.98305
Aransas	EPA-AT1-A-170901-001	Refer to Other Agency, no EPA needed (Closed)	Misc. Containers	28.18545	-96.68677
Aransas	UCG-HE1-A-170903-003	Refer to Other Agency, no EPA needed (Closed)	Misc. Containers	28.10912	-96.83461
Aransas	UCG-ODA2-A-170903-009	Refer to Other Agency, no EPA needed (Closed)	Tank	28.203965	-96.9261
Aransas	UCG-ODA2-A-170902-011	Refer to Other Agency, no EPA needed (Closed)	Cylinder	28.11233	-97.11681
Calhoun	EPA-AT1-A-170901-009	Refer to Other Agency, no EPA needed (Closed)	Tank	28.35401	-96.40347
Nueces	TCQ-OCR2-A-170901-003	Refer to Other Agency, no EPA needed (Closed)	Tank	27.727469	-97.137517

ATTACHMENT 7

CORPUS CHRISTI BRANCH - TABLE OF FACILITIES / SPILLS RECOVERED BY RESPONSIBLE PARTY OR REGERRED TO ANOTHER AGENCY

Attachment 7
Facilities/Spills - Referred to Other Agency
Corpus Christi Branch

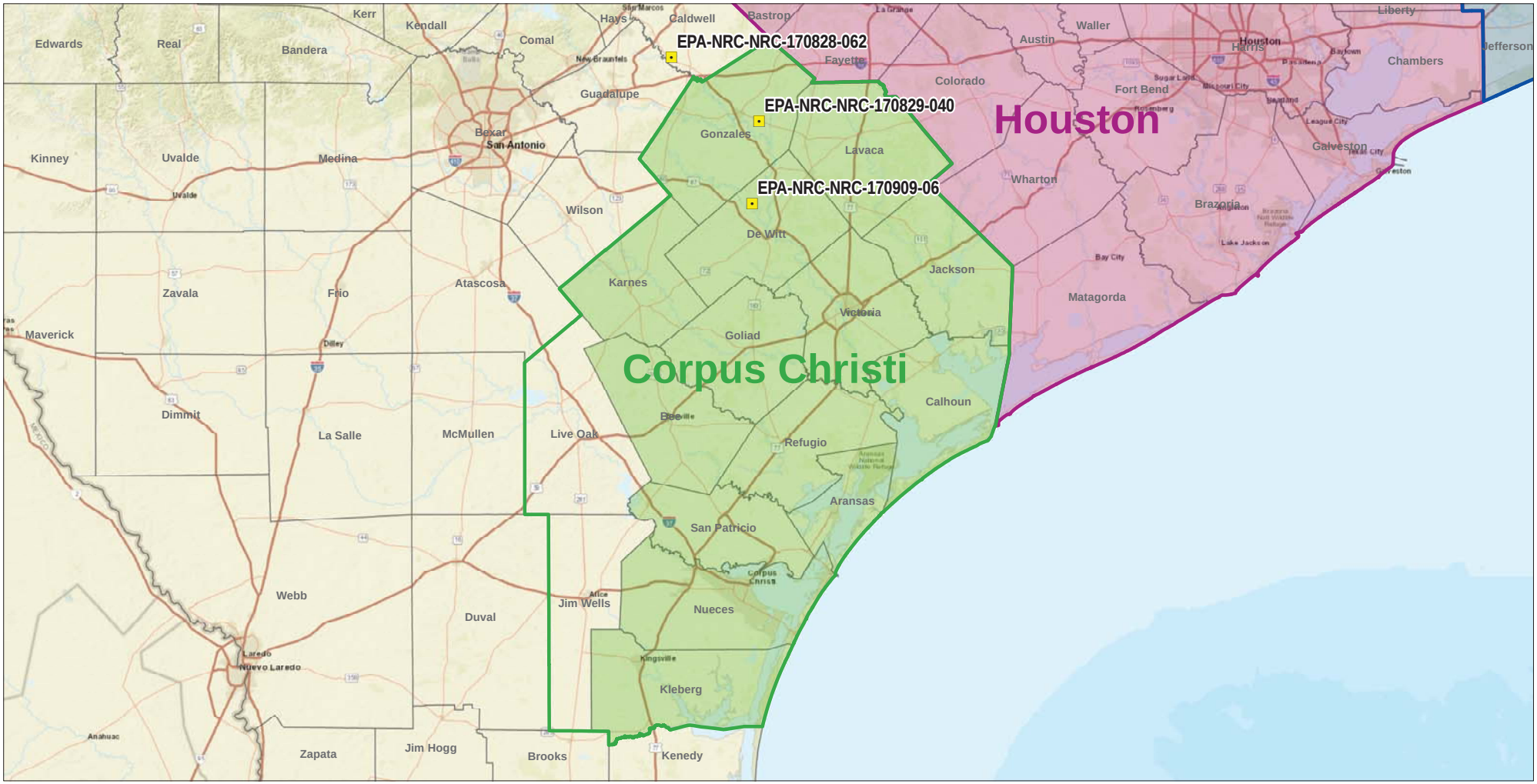
County	Location ID	Status	Latitude	Longitude
Aransas	EPA-AT2-A-170901-014	Clean Up Completed Refer to State (Closed)	28.090173	-97.001649
Aransas	EPA-AT2-A-170901-017	Refer to Other Agency (Closed)	27.990916	-97.07548
Aransas	EPA-AT2-A-170901-019	Refer to Other Agency (Closed)	27.909667	-97.133588
Aransas	EPA-NRC-NRC-170901-055	Refer to Other Agency (Closed)	27.992423	-97.075755
Aransas	UCG-ODA2-A-170903-007	Refer to Other Agency (Closed)	28.15331	-96.85829
Caldwell	EPA-NRC-NRC-170828-062	Refer to Other Agency (Open)	29.720588	-97.725175
Calhoun	EPA-AT1-A-170901-004	Refer to Other Agency (Closed)	28.61427	-96.63382
Calhoun	EPA-AT1-A-170901-005	Refer to Other Agency (Closed)	28.59511	-96.61477
Calhoun	EPA-AT1-A-170901-006	Refer to Other Agency (Closed)	28.4044	-96.70591
Calhoun	EPA-AT1-A-170901-007	Refer to Other Agency (Closed)	28.4091	-96.71167
Calhoun	EPA-AT2-A-170901-010	Refer to Other Agency (Closed)	28.40083	-96.70491
Calhoun	EPA-AT2-A-170901-011	Refer to Other Agency (Closed)	28.40849	-96.7094
Calhoun	UCG-DA1-OPS-083117-026	Refer to Other Agency (Closed)	28.596027	-96.61627
Calhoun	UCG-DA1-OPS-170831-040	Refer to Other Agency (Closed)	28.5925	-96.61444
Calhoun	UCG-DA1-OPS-170831-041	Refer to Other Agency (Closed)	28.5925	-96.61444
Calhoun	UCG-DA1-OPS-170831-042	Refer to Other Agency (Closed)	28.5925	-96.61444
De Witt	EPA-NRC-NRC-170909-06	Refer to Other Agency (Open)	29.190887	-97.390186
Gonzales	EPA-NRC-NRC-170829-040	Refer to Other Agency (Open)	29.490078	-97.361312
Nueces	EPA-AT2-A-170901-001	Refer to Other Agency (Closed)	27.860618	-97.492457
Nueces	EPA-AT2-A-170901-003	Refer to Other Agency (Closed)	27.807949	-97.088208
Nueces	EPA-AT2-A-170901-006	Refer to Other Agency (Closed)	27.839836	-97.063456
Nueces	EPA-NRC-NRC-170902-010	Refer to Other Agency (Closed)	27.858611	-97.487222
Nueces	EPA-NRC-NRC-170910-05	Refer to Other Agency (Closed)	27.848334	-97.493054
Nueces	EPA-ODA2-A-170901-001	Refer to Other Agency (Closed)	27.856594	-97.560854
Nueces	GLO-DA4-A-170830-010	Clean Up Completed Refer to State (Closed)	27.808333	-97.086944
Nueces	TCQ-HE1-A-170906-002	Refer to Other Agency (Closed)	27.88051	-97.27863
Nueces	TCQ-OCR2-A-170901-004	Refer to Other Agency (Closed)	27.648708	-97.19513
Nueces	UCG-DA3-ICP-170826-019	Refer to Other Agency (Closed)	27.81103	-97.103693
Nueces	UCG-ODA1TF1-A-170902-001	Refer to Other Agency (Closed)	27.64774	-97.19418
Nueces	UCG-WAT2-OPS-170830-003	Refer to Other Agency (Closed)	27.810555	-97.156111
Refugio	EPA-NRC-NRC-170909-014	Refer to Other Agency (Closed)	28.364149	-96.814944
San Patricio	EPA-AT2-A-170901-020	Refer to Other Agency (Closed)	27.889206	-97.147837

Attachment 7
Facilities/Spills - Referred to Other Agency
Corpus Christi Branch

County	Location ID	Status	Latitude	Longitude
San Patricio	EPA-NRC-NRC-170901-030	Refer to Other Agency (Closed)	27.918201	-97.157335
San Patricio	TCQ-HE1-A-170906-001	Refer to Other Agency (Closed)	27.98278	-97.19724
San Patricio	UCG-DA1-ICP-170826-001	Refer to Other Agency (Closed)	27.83833	-97.22056

ATTACHMENT 8

CORPUS CHRISTI BRANCH - MAP SHOWING OPEN ITEM FACILITIES REFERRED TO THE STATE AGENCIES BY COUNTY



Legend

Facility/Spill Assessment

- Open
- Open - Cleanup in Progress

Haz/Eval Items

- Open
- Open — Access Denied/ Leave in Place/ Refer to Other Agency

Federally Declared Counties:

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- in Houston Branch
- County Boundary

USA EPA REGION 6

Corpus Christi Branch
Operational Activity Transition Record
For Orphan Drum and Container Collection
and Spills/Discharges from Facilities

ATTACHMENT 8

Open Item Facilities
Referred to State Agencies

N W E S

0 10 20
Miles

For Official Use Only

EPA GIS
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ATTACHMENT 9

CORPUS CHRISTI BRANCH - TABLE SHOWING OPEN ITEM FACILITIES REFERRED TO THE STATE AGENCIES BY COUNTY

Attachment 9
Open Facilities/Spills - Referred to Other Agency
Corpus Christi Branch

County	Location ID	Status	Latitude	Longitude
Caldwell	EPA-NRC-NRC-170828-062	Refer to Other Agency (Open)	29.720588	-97.725175
De Witt	EPA-NRC-NRC-170909-06	Refer to Other Agency (Open)	29.190887	-97.390186
Gonzales	EPA-NRC-NRC-170829-040	Refer to Other Agency (Open)	29.490078	-97.361312