From: Mason, Steve
Sent: Friday, September 8, 2017 8:59 PM
To: Smith, Monica; Mason, Steve; Snowbarger, Robert; Price, Lisa
Cc: Hayes, Scott; Webster, Susan; Williams, David (R7); Smalley, Bryant; Carroll, Craig
Subject: RE: transition plans - examples? REOC can help
Attachments: final - revised transition plan.pdf; st. tammany completion-final.pdf; orleans completion-final.pdf

With Regards, Steve

Stephen Mason
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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

From: Mason, Steve
Sent: Friday, September 08, 2017 6:12 PM
To: Smith, Monica ; Martin, John ; Foster, Althea
Cc: Hayes, Scott ; Webster, Susan ; Williams, David (R7) ; Smalley, Bryant ; Carroll, Craig
Subject: RE: transition plans - examples? REOC can help

Here is the transition plan and a couple transition records for parishes from Hurricane Katrina…

Let me know if there is anything else I can help with…

With Regards, Steve

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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

From: Smith, Monica
Sent: Friday, September 08, 2017 6:02 PM
To: Martin, John <martin.john@epa.gov>; Foster, Althea <Foster.Althea@epa.gov>; Mason, Steve <mason.steve@epa.gov>
Cc: Hayes, Scott <Hayes.Scott@epa.gov>; Webster, Susan <webster.susan@epa.gov>; Williams, David (R7) <Williams.Dave@epa.gov>; Smalley, Bryant <smalley.bryant@epa.gov>; Smith, Monica <smith.monica@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>
Subject: transition plans - examples? REOC can help

During today's ops call, someone mentioned transition plans from other Hurricanes.

Steve and Althea – if you have a copy of the transition plans we used for the other responses, please share with all.

John – Scott and Susan are available to help tonight. Carl and Mary would like to see a draft tomorrow by 1pm if possible.

7031943

Scott and Susan – I will meet with Scott in the morning to review the initial draft so I can continue working on it with Dave during the morning prior to Susan's arrival. So we can be prepared to share it with Carl and Mary by 1.

Thanks - Monica

Monica Smith
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Katrina/Rita Mission Transition Plan Pursuant to Emergency Support Function #10 - Oil and Hazardous Materials Response (Revision 1.0)

Approved by:

Ronald D. Cronland — Date: 3/22/06
EPA Incident Commander

Scott Blonk — Date: 3/22/06
USCG Incident Commander

for David Lambert — Date: 3/22/06
LDEQ Incident Commander

Date: 3/22/06
ESF#10 Lead

Katrina/Rita Mission Transition Plan Pursuant to Emergency Support Function #10 - Oil and Hazardous Materials Response (Revision 1.0)

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I. Purpose and Background

The enormity of environmental tasks associated with cleaning up from a natural disaster on the scale of Hurricanes Katrina and Rita is unprecedented in this country in terms of scope, duration and cost. States, parishes/counties and local municipalities have primary jurisdiction with regard to natural catastrophe cleanup. To the extent they are capable, these entities initiate cleanup activities operating under their own statutes and their various emergency operation and/or incident response plans, often in coordination with various federal agencies, as needed. In the event that state and local governments are overwhelmed by a natural disaster, as with Hurricanes Katrina and Rita, the President may authorize federal authorities to respond to the disaster. As a result of these hurricanes, a Unified Command, pursuant to Emergency Support Function #10-Oil and Hazardous Materials Response, for the State of Louisiana was formed to conduct a response and recovery operation in impacted parishes. This Unified Command consists of the Louisiana Department of Environmental Quality ("LDEQ"), the U.S. Coast Guard ("USCG") and the U.S. Environmental Protection Agency ("EPA").

The range of tasks described in this document involve varying periods of time, from immediate responses to achieve safety for the people of affected areas to long term recovery when the Unified Command returns primary jurisdiction to the state and/or parish. Each phase of cleanup, the entire process of which is more of a continuum than discrete steps, presents challenges especially with respect to determining when the Unified Command has completed its response for that phase and is ready to demobilize. This document describes the plans and process for the Unified Command to transition primary jurisdiction of matters relating to environmental cleanup activities back to the state and/or parish. Realization of the goals of this plan requires an understanding of the Unified Command's authority, mission, transition process and supporting documentation which demonstrates that an operation is complete.

II. Unified Command's Response Authority to Hurricanes Katrina and Rita

The Unified Command is carrying out its responsibilities pursuant to several authorities. This section explains the scope of authority granted to the Unified Command in response to Hurricanes Katrina and Rita in the State of Louisiana.

A. Stafford Act

In the event that state and local governments are overwhelmed by a natural hazard, the President may issue a major disaster declaration under the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, as amended, 42 U.S.C. 5121 et seq. ("Stafford Act"). The Stafford Act broadly authorizes the President to direct federal agencies to provide "essential assistance" including cleanup and disposal of waste and debris. Through executive orders, the President has delegated responsibility for administering the major provisions of the Stafford Act to the Federal Emergency Management Agency ("FEMA").

B. National Response Plan and Emergency Support Function #10

FEMA coordinates disaster assistance provided by 27 federal agencies by implementing the National Response Plan ("NRP"). The NRP is organized by 15 Emergency Support Functions ("ESF").

Under these ESFs, federal departments and agencies (and the American Red Cross) are grouped according to their capabilities and are assigned various tasks. More specifically, ESF #10-Oil and Hazardous Materials Response (or Unified Command) addresses environmental cleanup activities for major disasters and emergencies. The primary focus of ESF #10 is oil and hazardous materials (chemical, biological, radiological, etc.) response, other environmental safety issues and cleanup. EPA is the designated coordinator, as well as a designated primary agency for ESF #10. The USCG is the other federal entity responsible for ESF #10 missions. EPA is conducting supporting activities under other ESFs, but this document will focus on ESF #10 of which EPA is the primary Agency. Attachment A provides a complete list of the 15 different ESFs.

C. Federal Environmental Emergency Response Authority

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. § 9601 et seq. ("CERCLA"), and Section 311(f)(5) of the Clean Water Act, as amended, 33 U.S.C. §1321(f)(5), provide EPA and the USCG broad statutory authority to support state and local response efforts to address releases of hazardous materials, contaminants or pollutants. EPA developed the National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300, ("NCP") pursuant to its authority under CERCLA to coordinate responses to environmental releases of hazardous substances, pollutants and contaminants. Primary responsibility for administering the NCP falls to the EPA for most land-based discharges and releases of oil and hazardous materials, and to the USCG for most coastal and marine discharges and releases of oil and hazardous materials. When the President declares a major disaster or emergency and FEMA activates ESF #10 under the NRP, the NCP continues to operate, although it is subsumed within the broader NRP structure.

D. State of Louisiana Environmental Response Authority

The State of Louisiana has its own environmental emergency response authority that is conducted by the LDEQ. The Louisiana Environmental Control Act provides for the immediate response to any environmental emergency incident which threatens human health or the environment. LDEQ is designated joint primary authority for ESF #10 under the State Response Plan. The Emergency Response Section, under the Office of Environmental Compliance, is tasked to implement this state law (Title 33, Part I, Subpart 4, Chapter 69).

III. Unified Command's Mission in Louisiana

Unified commands are temporary organizations that work together in response to a national disaster in accordance with the NRP. FEMA, at the national level, activates the National Response Coordination Center in Washington, DC, which develops and issues operational orders to activate specific ESFs. Each ESF, in turn, operates under an incident command system. For ESF #10, an environmental Unified Command consisting of EPA, USCG, and LDEQ was formed to conduct a response and recovery operation in parishes impacted by Hurricanes Katrina and Rita.

A. Mission Assignments and Interagency Agreements

After FEMA signs a Mission Assignment, it describes the scope and limits of the work assignment as well as the limitation of funds available for this work. Pursuant to ESF #10 for

Hurricanes Katrina and Rita, Mission Assignments were created by FEMA for Louisiana. The Mission Assignments, as supplemented by Interagency Agreements, describe the Unified Command's scope of work, as listed below. This scope of work was directed by FEMA to support state and local response activities. On December 8, 2005, FEMA issued an Interagency Agreement ESF #10 Oil and Hazardous Waste Removal Support for Hurricanes Katrina and Rita. Purpose of this Interagency Agreement is to establish a mutual framework governing the respective organizational relationships, responsibilities and activities between the Environmental Protection Agency and the Federal Emergency Management Agency.

1. 7220SU-LA-EPA-04 (*Closed 9/03/05)*: Activate Oil and Hazardous Materials Response (EPA) to serve as ESF 10 in response to Hurricane Katrina. This Mission Assignment was closed when major disaster declaration 1603 was issued by the President. The "7220SU" account is only used for pre-declaration/assessment activity (pre-deployment).
2. 1603DR-LA-EPA-01 (*Closed 9/30/05*): Activate Oil and Hazardous Materials Response (EPA) to serve as ESF 10 in response to Hurricane Katrina, supporting emergency response support to leaking containers, chemical spills (exposed by "unwatering"), assessment of radiation sources to determine status, and oil spill response to inland oil spills. This Mission Assignment was closed to correct a coding error. The activities described in this Mission Assignment were incorporated and covered under Mission Assignment 1603DR-LA-EPA-07, discussed below.
3. 1603DR-LA-EPA-02 (*Closed 9/30/05*): Provide critical air, ground and water transportation as directed by FEMA. This includes search and rescue support. This Mission Assignment was closed by the projected end date of September 30, 2005.
4. 1603DR-LA-EPA-03 (*Closed 9/30/05*): Conduct field operations for disposal of oil and hazardous materials as requested by the State of Louisiana for Hurricane Katrina. Provide capability to conduct removal and disposal of actual and potential oil discharges and releases of hazardous material, pollutants and contaminants. This includes: 1) air, 2) water, 3) sediment sampling for worker safety/health and re-population of parishes, 4) response to orphaned drums, 5) household hazardous waste ("HHW") collection and disposal, cleanup and disposal of hazardous materials and 6) oil that is necessary to mitigate immediate threats to public health and safety, and 7) monitoring of immediate health and safety threats resulting from debris removal operations.
5. 1603DR-LA-EPA-04 (*Closed 9/30/05*): Provide technical assistance to the State of Louisiana for Hurricane Katrina. This includes assessment of: 1) water and wastewater treatment facilities, and 2) actual and potential threats of oil, hazardous substances, pollutants or contaminants utilizing aerial or ground assets.
6. 1603DR-LA-EPA-05 (*Closed 9/11/05)*: Provide support to DMORT team using GPS, Barcode scanners, information management, and web visibility. This includes providing coordination, collection, maintenance, and distribution of sensitive information to FEMA and the State of Louisiana. Note: This Mission Assignment was initiated on 9/11/05 but rescinded by FEMA on 9/11/05.
7. 1603DR-LA-EPA-06 (*Closed 12/30/2005)*: Provide subject matter experts (not to exceed 3 staff members) to provide technical assistance for hurricane recovery and rebuilding efforts in Louisiana. Technical assistance to State and local officials to include planning for contaminated debris management and environmental remediation. Subject matter experts will be stationed in Louisiana.

8. 1603DR-LA-EPA-07 (*Closed 10/27/05*): Replaces 1603DR-LA-EPA-01. Activate Oil and Hazardous Materials Response (EPA) to serve as ESF 10 in response to Hurricane Katrina, supporting emergency response support to leaking containers, chemical spills (exposed by "unwatering"), assessment of radiation sources to determine status, and oil spill response to inland oil spills.
9. 1603DR-LA-EPA-08 (*Closed 2/28/06*): Request EPA to conduct Phase II Environmental Site Assessments to assist with FEMA's Environmental review of temporary housing sites.
10. 1603DR-LA-EPA-09 (*Closed 2/28/06*): Tasked EPA for the removal, disposal, and render safe of any explosive up to and including small arms ammunition, long rifle ammunition, and any other devices that are considered explosives from the impacted areas of Hurricane Katrina.
11. 3260EM-LA-EPA-01 (*Closed 9/27/05*): Activate EPA to support the Rapid Needs Assessment team for Hurricane Rita.
12. 1607DR-LA-EPA-01 (*Closed 9/30/05*): Request EPA to provide support as directed by FEMA to support Hurricane Rita response efforts. Response operations include collecting orphaned drums, oil spills and household hazardous waste.
13. 1607DR-LA-EPA-02 (*Closed 2/28/06*): Tasked EPA for the removal, disposal, and render safe of any explosive up to and including small arms ammunition, long rifle ammunition, and any other devices that are considered explosives from the impacted areas of Hurricane Rita.
14. HSFE06-06-X-2014: Request EPA to conduct operations in support of Hurricane Katrina and Hurricane Rita to include response to orphan drums, HHW collection and disposal, clean-up and disposal of hazardous materials and oil that is necessary to mitigate threats to public health and safety, and monitoring of immediate health and safety threats resulting from debris removal operations as requested by the State of Louisiana and directed by FEMA. Task Orders will be prepared and issued through the interagency agreement (IA). EPA will provide FEMA with program activity reports for each task order.

B. Affected Parishes

Hurricanes Katrina and Rita impacted many parishes in southern Louisiana. EPA was authorized by FEMA to conduct field operations in 20 parishes in southern Louisiana. As a result of Hurricane Katrina, the Unified Command performed field operations in the following parishes: St. Mary, St. James, Lafourche, St. Bernard, St. Tammany, St. Charles, Assumption, Terrebonne, Jefferson, Orleans, Plaquemines and Acadia. As a result of Hurricane Rita, the Unified Command performed field operations in the following parishes: Beauregard, Cameron, Vermilion, Lafayette, Calcasieu, Jefferson Davis, Iberia and St. Martin. Collectively, these 20 parishes, authorized for field operations, are considered "highly affected" parishes and are currently organized by the Unified Command into the following three Branches to facilitate operations:

1. East Branch: Orleans, Jefferson, St. Bernard, Plaquemines, St. Charles and St. Tammany parishes
2. Central Branch: Lafourche, Terrebonne, St. James, St. Martin, St. Mary, St. James, Acadia, Assumption, Vermilion and Iberia parishes
3. West Branch: Jefferson Davis, Beauregard, Cameron, and Calcasieu parishes

The Unified Command has performed two types of response activities pursuant to its Mission Assignment and Interagency Agreement discussed above. The primary focus of the Unified Command is to provide "direct Federal assistance" through field operations in the highly impacted parishes. "Technical assistance," however, has been provided by the Unified Command in both the highly impacted parishes and other parishes in the state.

C. Operational Activities/Categories

The Unified Command has further defined the following operational activities/categories under the Mission Assignments. These operational activities cover both field operations and technical assistance from the above referenced mission assignments:

1. Search and Rescue: Provide search and rescue support and critical air, ground and water transportation during search and rescue operations.
2. Reconnaissance of Radiation Sources (included in IAG): Conduct reconnaissance and survey known radiation source locations to verify their integrity and security.
3. Reconnaissance of State and Federally Regulated Facilities (included in IAG): Conduct reconnaissance and survey regulated facilities to verify their integrity and security.
4. Reconnaissance of School Labs (included in IAG): Conduct reconnaissance and survey public and parochial schools to verify their integrity and security. Conduct removals, as necessary.
5. Hazardous Materials Releases and Oil Spills (included in IAG): Conduct response and removal activities to mitigate hazardous materials releases and oil spills.
6. Orphan Drum and Container Removal (included in IAG): Locate and remove orphan drums and containers identified by state and parish officials, or through reconnaissance activities.
7. Household Hazardous Waste ("HHW") (included in IAG): Collect and transport HHW, segregate and dispose of HHW and recycle white goods after capturing refrigerants.
8. Drinking Water Assessment (included in IAG): Conduct assessment of water treatment facilities and provide technical assistance to return these facilities to operational status.
9. Waste Water Assessment (included in IAG): Conduct assessments of waste water facilities and provide technical assistance to return these facilities to operational status.
10. Environmental Sampling (included in IAG): Conduct multi-media sampling in and around communities and regulated facilities in affected parishes to determine the extent of potential hazardous materials released resulting from Hurricanes Katrina and Rita. Based on location, capacity and the relatively low extent of damage sustained by the Algiers WTP, water from the Algiers WTP has been distributed to impacted communities. Conduct water quality testing on tank trucks of potable water prior to their departure from Algiers water treatment plant ("WTP").
11. Ordnance Response (included in IAG): Conduct safe removal, packaging, temporary storage, transport and disposal of ordnance related waste materials that have resulted from the Katrina and Rita Hurricane events.
12. Federal Housing Sampling (included in IAG): Conducts sampling of flood sediments at Greenfield sites identified by FEMA's Temporary Housing Operation. The samples will be analyzed for potential environmental contaminants including, but not limited to, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polycyclic aromatic hydrocarbons (PAHs).

Progress made by the Unified Command towards completion in each of the operational activities/categories is tracked. **Attachment B** contains a sample of the progress tracking.

IV. Unified Command's Transition Process

Once the Unified Command completes its work in each operational activity/category or the state and/or parish agree that they will accept further responsibility for the completion of the activities pursuant to the Mission Assignments, primary jurisdiction for that activity is transitioned from the Unified Command back to the state and/or parish. There are various stages of work associated with each operational activity/category. The Unified Command will coordinate with the state and/or parish to resume its pre-hurricane responsibilities. Documentation of the transition of operational activities from the Unified Command back to the state and/or parish is completed within the Operations Section of the Unified Command. Once all operational activities/categories are completed or successfully transitioned to the state and/or parish, the Unified Command will have completed its mission. The endpoint in an individual parish is reached within a parish by successfully completing or transitioning all activities to the state and/or parish. The endpoint for a Mission Assignment is reached when all operational activity under a Mission Assignment is completed or successfully transitioned back to the state. Determination of completion is documented by the Unified Command with each incident commander responsible for obtaining relevant Agency approval before transitioning primary jurisdiction from the Unified Command back to the state and/or parish. For some activities the project endpoint is clear and obvious. For instance, the Unified Command is no longer conducting any search and rescue operations. The Unified Command's efforts were no longer necessary once the flood waters receded. While this end point is rather obvious, this is not the case with most of the operational activities being performed by the Unified Command.

The following section analyzes each operational activity/category conducted pursuant to FEMA Mission Assignments and lists criteria to consider before deciding whether the Unified Command has accomplished enough work to transition activity back to the state or parish or completed its activities. Each criterion is discussed in greater detail below. **Attachment C** contains a detailed description of the Operational Activity Transition & Completion Process as well as a Table which summarizes the process.

A. Reconnaissance of Radiation Sources

ESF #10 Mission Assignment 1603DR-LA-EPA-07, in response to Hurricane Katrina, authorizes the Unified Command to assess known radiation source sites to determine status. The Unified Command operations included contacting or inspecting targeted facilities. Factors to consider in determining completion of this operation include, but may not be limited to: completion of aerial overflights, interviews, sites visits, and radiation readings, as necessary, documenting that the source is still present and not compromised.

B. Reconnaissance of State and Federally Regulated Facilities

ESF #10 Mission Assignment 1603DR-LA-EPA-03 authorizes the Unified Command to assess potential emergency conditions resulting from oil and chemical releases, investigate complaints and evaluate facilities. Factors to consider in determining completion of this operation include, but may not be limited to: completeness of the facility assessment list identified by EPA and LDEQ, prioritization of facilities (*i.e.*, based on modeling, agency input and calls) and completion of assessments. If hazardous materials are discovered it will be removed and disposed of as discussed in subpart D below.

C. Reconnaissance of School Labs

ESF #10 Mission Assignment 1603DR-LA-EPA-03 authorizes the Unified Command to assess potential emergency conditions resulting from oil and chemical releases, investigate complaints and evaluate facilities. An Action Request dated November 19, 2005 specifically requests support from the Unified Command to conduct reconnaissance and survey public and parochial schools to verify their integrity and security and to conduct removals, as necessary. Factors to consider in determining completion of this operation include, but may not be limited to: completion of damage assessments of the universe of schools identified by LDEQ, identification and characterization of waste and removal activities to appropriate disposal facilities.

D. Hazardous Materials Releases and Oil Spills

ESF #10 Mission Assignments 1603DR-LA-EPA-07, 1603DR-LA-EPA-03 and 1603DR-LA-EPA-04 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to assess and respond to all releases of oil or hazardous substances and provide containment and removal, if necessary, and to maintain readiness to provide emergency response support. Factors to consider in determining completion of this operation include, but may not be limited to: completion of aerial over flight coverage, compliance with natural resource requirements related to wetlands, identification and characterization of waste, removal activities to appropriate disposal facilities, cleanup goals achieved, contaminated site delegated to the appropriate program, emergency responses to incidents related to the hurricanes are no longer needed based on the nature of the calls, rate of incoming calls and percent of repopulation that has returned to the parish.

E. Orphan Drum and Container Removal

ESF #10 Mission Assignment 1603DR-LA-EPA-03 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to conduct field operations to dispose of oil and hazardous materials, provide capability to conduct removal and disposal of actual and potential oil discharges and releases of hazardous material, pollutants, and contaminants. More specifically this includes: 1) response to orphan drums and containers, 2) cleanup and disposal of hazardous materials and oil that is necessary to mitigate immediate threats to public health and safety and 3) monitor immediate health and safety threats resulting from debris removal operations. Factors to consider in determining completion of this operation include, but may not be limited to: aerial over flight coverage, calls, ground reconnaissance areas, evaluation of modeling to determine most affected areas, compliance with natural resource requirements related to wetlands, percent of repopulation (*i.e.*, orphan drums or containers could be found on private property once residents return), diminishing marginal return

factors such as number of sweeps and percent of recovery, identification and characterization of waste, drums and containers located and disposed of at appropriate disposal facilities and cleanup goals achieved.

F. Household Hazardous Waste

ESF #10 Mission Assignment 1603DR-LA-EPA-03 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to conduct field operations to dispose of oil and hazardous materials and provide capability to conduct removal and disposal of actual and potential oil discharges and releases of hazardous material, pollutants and contaminants. In addition to response obligations discussed in subcategory E above, this section also includes HHW collection and disposal. Factors to consider in determining completion of this operation include, but may not be limited to: information distribution in area, calls, ground reconnaissance, identification and characterization of waste, collection and disposal to appropriate disposal facilities, evaluation of modeling to determine most affected areas, percent of repopulation (*i.e*., some HHW will not be made available for pick-up until residents return), diminishing marginal return factors such as number of sweeps and percent of recovery, sweeps completed, white goods processing completed and coordination with the U.S. Army Corps of Engineers regarding completion of white goods processing and demolition activities at condemned properties.

G. Drinking Water Assessment

ESF #10 Mission Assignment 1603DR-LA-EPA-04 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to provide technical assistance to the state of Louisiana for assessment of drinking water facilities. Factors to consider in determining completion of this operation include, but may not be limited to: contact or assess all targeted facilities, complete follow-up activities, and consideration of state program capacity to resume normal oversight.

H. Wastewater Assessment

ESF #10 Mission Assignment 1603DR-LA-EPA-04 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to provide technical assistance to the state of Louisiana for assessment of wastewater facilities. Factors to consider in determining completion of this operation include, but may not be limited to: contact or assess all targeted facilities, conduct follow-up inspections, as required, as some treatment plants may not have stable operations until critical repopulation occurs (*i.e.*, unstable microbe populations until critical treatment capacity is reached), and consideration of state program capacity to resume normal oversight.

I. Environmental Assessment

ESF #10 Mission Assignment 1603DR-LA-EPA-03 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to conduct field operations for activity including air, water, sediment sampling for worker safety/health, re-population of parishes and monitoring of immediate health and safety threats resulting from debris removal operations. Factors to consider in determining completion of this operation include, but may not be limited to: conformance with accepted plans and analytical results.

J. Ordnance Response

ESF #10 Mission Assignment 1603DR-LA-EPA-03 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to conduct field operations to safely collect, identify, package, store and dispose of orphaned/abandoned ammunition, explosives, firearms, pyrotechnics, and ordnance in a manner that minimizes potential inherent risk to the public, contractors supporting the clean up efforts and the governmental agencies overseeing the response. Factors to consider in determining completion of this operation include, but may not be limited to: number of calls received, ground reconnaissance, percent of repopulation, diminishing marginal return factors such as number of sweeps and percent of recovery, sweeps completed, and the completion of HHW collection operations in each Parish.

K. Federal Housing Sampling

ESF #10 Mission Assignment 1603DR-LA-EPA-08 and now IAG HSFE06-06-X-2014 authorizes the Unified Command to collect sufficient samples to determine whether sediments left behind by floodwaters in Orleans, St. Bernard, and Jefferson parishes contain hazardous chemicals at concentrations precluding residential use of the site for temporary housing. Factors to consider in determining completion of this operation include, but may not be limited to: completion of sampling from locations determined by FEMA and conformance with analytical results.

V. Documentation for Operation Completion

Throughout the process of transitioning primary jurisdiction back to the state and/or parish, the Unified Command should work closely with each parish. This section describes the types of documentation developed by the Unified Command to track its Mission Assignment activities and document completion. The Unified Command documents transition or completion of individual operational activities with an Operational Activity Transition Record (see **Attachment D** for sample). This document provides the strategy, milestones, contact information, and narrative to support the decision to complete an operational activity or transition it back to the jurisdiction of the state and/or parish. When all operational activities are completed or successfully transitioned to the state and/or parish, the Unified Command completes and each Unified Commander signs a Completion Report (see **Attachment E** for a sample). Such a report is prepared when 1) all activities are completed (or successfully transitioned) within a single parish or 2) all activities within an entire FEMA Mission Assignment are completed (or successfully transitioned). For both the Operational Activity Transition Record and the Completion Report, a signature is required by the ESF #10 lead prior to delivery to the State Coordinating Officer.

The documents prepared to support transition or completion may be supplemented by a variety of supporting attachments: for example, geographic information system ("GIS") maps and charts, photographs, charts, and tables summarizing analytical data or operational activities.

VI. Post Determination Completion Activities

Once the Unified Command has completed its requirements pursuant to the Mission Assignments and Interagency Agreement discussed above, primary jurisdiction is returned to the state and/or parish. Federal and state assistance, however, will still be available to respond to environmental emergencies as it was prior to the hurricanes.

ATTACHMENT A

COMPLETE LIST OF ESFs

Attachment A: Complete List of ESFs

Agency	Emergency Support Functions														
	#1 - Transportation	#2 - Communications	#3 - Public Works and Engineering	#4 - Firefighting	#5 - Emergency Management	#6 - Mass Care, Housing, and Human Services	#7 - Resource Support	#8 - Public Health and Medical Services	#9 - Urban Search and Rescue	#10 - Oil and Hazardous Materials Response	#11 - Agriculture and Natural Resources	#12 - Energy	#13 - Public Safety and Security	#14 - Long-term Community Recovery and Mitigation	#15 - External Affairs
USDA			S		S	S		S		S	C/P	S		P	S
USDA/FS	S	S	S	C/P	S	S	S	S	S	S			S		
DOC	S	S	S	S	S		S		S	S	S	S	S	P/S	S
DOD	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
DOD/USACE			C/P	S	S	S		S	S	S	S	S	S	S	
ED					S										S
DOE	S		S		S		S	S		S	S	C/P	S	S	S
HHS			S		S	S		C/P	S	S	S			P/S	S
DHS	S	S	S		S	S	S	S	S	S	S	S	C/P/S	S	C
DHS/EPR/FEMA		S	P	S	C/P	C/P			C/P	S				C/P	P
DHS/IAIP/NCS		C/P										S			
DHS/USCG	S		S	S				S	S	P			S		
HUD					S	S								P	S
DOI	S	S	S	S	S	S				S	P	S	S	S	S
DOJ	S				S	S		S	S	S	S		C/P/S		S
DOL			S		S	S	S	S	S	S	S	S		S	S
DOS	S				S			S		S	S	S			S
DOT	C/P		S		S	S	S	S	S	S	S	S		S	S
TREAS					S	S								P	S
VA			S		S	S	S	S					S		S
EPA			S	S	S			S		C/P	S	S	S	S	S
FCC		S			S										S
GSA	S	S	S		S	S	C/P	S		S	S				S
NASA					S		S		S				S		S
NRC			S		S					S		S			S
OPM					S		S								S
SBA					S	S								P	S
SSA						S							S		S
TVA			S		S							S		S	S
USAID								S	S						S
USPS	S				S	S		S			S		S		S
ARC			S		S	P		S			S			S	S

C = ESF coordinator
P = Primary agency
S = Support agency

Note: Unless a specific component of a department or agency is the ESF coordinator or a primary agency, it is not listed in this chart. Refer to the ESF Annexes for detailed support by each of these departments and agencies.

ATTACHMENT B

ESF-10 MISSION ASSIGNMENT PROGRESS CHART

DRAFT - Unified Command - Louisiana Hurricanes Katrina/Rita ESF-10 Mission Assignment Progress Chart

The Mission Assignment tracking criteria and color-scheme described below is intended to reflect the status of Unified Command Operations and does not address factors used to determine transition back to the State or Local Parish.
This is a Draft Document. The Chart Represents information that is currently available. This information is continuously being updated and is not intended to be a final work product.

Data as of: *3/9/06 5:03*

Mission Assign.	Activity	Operations	Metric Definition	East						Central											West			
				Orleans	Jefferson	St. Bernard	Plaquemines	St. Charles	St. Tammany	Jefferson (Grande Isle)	Lafourche	Terrebonne	St. James	St. Martin	St. Mary	Lafayette	Acadia	Assumption	Vermilion	Iberia	Jefferson Davis	Beauregard	Cameron	Calcasieu
2	*	Search and Rescue - EPA Vessel Operations	Rescue - Using EPA and EPA contractor vessels, rescue stranded citizens impacted by floodwater. Percent complete.	100%		100%																		
3		Reconnaissance - FRP Facilities	Facility Response Plan (FRP) sites - Percent of facilities required to have facility response plans assessed in Parish.	100%	96%	100%	97%	100%	100%		96%	96%	100%	100%	100%	100%	83%	89%	86%	100%	100%	100%	87%	100%
		Reconnaissance - RMP Facilities	Risk Management Plan (RMP) sites - Percent of facilities required to have a risk management plan assessed in Parish	100%	88%	100%	100%	90%	100%		75%	86%	80%			100%	71%	67%	80%	83%	100%	100%	100%	100%
	B	Reconnaissance - TRI Facilities	Toxic Release Inventory (TRI) sites - Percent of toxic release inventory facilities assessed in parish.	100%	100%	100%	100%	100%	100%		83%	50%	100%			100%	100%	100%	100%	75%		100%	100%	100%
		Reconnaissance - RCRA Facilities	Resource Conservation and Recovery Act (RCRA) - Percent of RCRA facilities assessed in Parish	87%	77%	92%	100%	100%	92%		97%	94%	100%	100%	100%	96%	81%	100%	87%	96%	71%	42%	83%	100%
		Reconnaissance - UST (AI) Facilities	State of Louisiana Agency Interest (AI) sites - Percent of State-regulated facilities assessed in Parish.	100%	100%	100%	89%	100%	100%		100%	100%		100%	100%					100%	100%			
	C	Reconnaissance - School Assessment	Recon - Percentage of public and parochial schools assessed in Parish.	100%	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	D	Hazardous Materials Releases and Oil Spills	Conduct response and removal activities to mitigate hazmat releases and oil spills. Percent complete.																					
	E	Hazardous Debris - Orphan Drums/Containers	Orphan Drum/Containers - Collection of orphan drums and containers located within EPA's jurisdiction. Percent Complete.	100%	100%	85%	88%	100%	93%	100%	100%	100%							90%	90%			81%	100%
	F	Hazardous Debris - Household Hazardous Waste	Household Hazardous Waste - Percent complete of curbside collection of household hazardous waste.	39%	100%	62%	80%		81%	100%	100%	100%							67%	67%			81%	
		Hazardous Debris - White Goods	White Goods - Removal of refrigerant/oils from refrigerators and freezers (white goods) delivered to collection points and coordination for proper disposal. Percent Complete.	50%	81%	27%	68%		88%		86%													
	I	Environmental Sampling - Flood Water	Floodwater Testing - Percent of Planned Samples Completed	100%	100%	100%	100%		100%									100%						100%
		Environmental Sampling - Conveyance Water	Conveyance Water Testing - Percent of Planned Samples Completed	100%	100%	100%	100%																	
		Environmental Sampling - Water Quality	Water Quality Testing - Percent of Planned Samples Completed	100%	100%	100%	100%	100%	100%															
		Environmental Sampling - Sediment	Sediment Testing - Percent of Planned Samples Completed	80%	100%	75%	100%					100%												
		Environmental Sampling - Potable Water	Potable Drinking Water Testing - Percent of Planned Samples Completed	100%	100%		100%																	
		Environmental Sampling - Soil	Soil Testing - Percent of Planned Samples Completed	75%	100%	75%	100%		100%		100%												100%	
		Environmental Sampling - Air	Air Testing - Percent of Planned Samples Completed	100%	100%	100%	100%		100%															
4	G	Environmental Assessment - Drinking Water	Public Water System - Percentage of public water systems assessed through telephone calls and inspections.	100%	100%	100%	100%	100%	100%		100%	100%	100%		100%			100%	100%		100%	100%	100%	100%
	H	Environmental Assessment - Wastewater	Wastewater - Percentage of wastewater facilities assessed and technical assistance provided to operators.	83%	86%	88%	100%	80%	89%		95%	67%	50%	100%	67%	100%	100%	83%		86%			100%	
7	A	Reconnaissance - Radiation Source Surveys	Recon- Percentage of radiation source sites assessed.	98%	97%	100%	80%		100%															
8	I	Environmental Sampling - Phase II Enviro. Site Assessment at Temporary Housing	Soil Sampling - Percent of Soil Samples Collected in Association with FEMA Temporary Housing	100%		100%																		
9	J	Explosives & Small Arms - Removal, Disposal, & Render Safe	Explosive and Firearm Removal - Percent of Reported Explosives and Firearms Recovered/Addressed	89%	100%		84%		100%										100%	100%			100%	100%

Mission Assignments (Cost as of 3/2/2006)

2 MA 1603DR-LA-EPA-02 (Critical Air, Ground, and Water Transportation)
Funded - $1,800,000
Obligated - $1,626,589
Percent Obligated - 90%

3 MA 1603DR-LA-EPA-03 (Field Operations)
Funded - $194,500,000
Obligated - $187,414,420
Percent Obligated - 96%

MA1607-DR-LA-EPA-01 (Rita)
Funded - $38,000,000
Obligated - $35,855,387
Percent Obligated - 94%

4 MA 1603DR-LA-EPA-04 (Technical Assistance Water Assessment)
Funded - $2,500,000
Obligated - $1,286,015
Percent Obligated - 51%

7 MA 1603DR-LA-EPA-07 (Management Support and Initial Assessment)
Funded - $20,000,000
Obligated - $19,248,705
Percent Obligated - 96%

8 MA 1603DR-LA-EPA-08 (Phase II Environmental Site Assessment at Temporary Housing Location)
Funded - $612,000
Obligated - $612,000
Percent Obligated - 100%

9 MA 1603DR-LA-EPA-09 (Explosives/Ammunitions)
Funded - $2,500,000
Obligated - $1,225,000
Percent Obligated - 49%

MA 1607DR-LA-EPA-02 (Explosives/Ammunitions)
Funded - $1,500,000
Obligated - $725,000
Percent Obligated - 48%

* *Not Applicable*

Operational Categories

- A Reconnaissance of Radiation Sources
- B Reconnaissance of State and Federally Regulated Facilities
- C Reconnaissance of School Labs
- D Hazardous Materials Releases and Oil Spills
- E Orphan Drum and Container Removal
- F Household Hazardous Waste
- G Drinking Water Assessment
- H Wastewater Assessment
- I Environmental Assessment
- J Fire Arms and Explosives Removal

Percent Complete Designations

Red	< 40%
Yellow	40% - 79%
Green	80% - 100%
White	(No Request)
Blue	Transition

NOTES: 1) Jefferson Parish Household Hazardous Waste Transition Excludes Grande Isle.
2) Per LEDQ, all previously listed AI records are associated with UST locations. As such, these have been migrated to the UST Operational Category for tracking and reporting purposes.

ATTACHMENT C

OPERATIONAL ACTIVITY TRANSITION & COMPLETION PROCESS AND TABLES

Louisiana Unified Command

OPERATIONAL ACTIVITY TRANSITION & COMPLETION PROCESS

This Operational Activity Transition & Completion Process ("Process") complements the Katrina/Rita Mission Transition Plan Pursuant to Emergency Support Function #10 – Oil and Hazardous Materials Response ("Mission Transition Plan"). This Process practically describes the steps needed to close out individual operational activities as they approach their endpoints. This Process summarizes the responsibilities of the Unified Command and the briefing/concurrence process of the involved Agencies and organizations. Table 1 summarizes the Process, serves as a checklist, and contains the types of information needed to show that activities are successfully completed or transitioned back to state and/or parish authorities. Table 2 shows the various briefing and documentation requirements as well as responsibilities for the Process.

Operationally, the status of the activities conducted within the affected parishes is continually reviewed by the Unified Command (UC). Elements of the UC track operational activity progress and community and stakeholder interaction in a variety of ways. For example, the amount of HHW and white goods handled in an affected parish is routinely tracked and reviewed by the UC. The UC considers trends in the information as well as other important information (e.g., extent to which an affected area is populated or has been informed about UC activities) before envisioning that activities in an affected area could be discontinued. In addition to trends in information, the UC will consider such factors as the degree of reconnaissance, the assessment of facilities, the types of calls, and the capacity of state and local programs to accept responsibility for operational activities; collectively, the information and factors discussed within the Mission Transition Plan. The continual evaluation of the entirety of information will ultimately allow the UC to consider that operational activities can be transitioned back to the State and Local programs responsible for the activities before the hurricanes.

When operational activities are nearing completion, the briefing, concurrence, and reporting components of the Process should be initiated. Parish, state and federal partners each need to be aware that the operational activities are practically near their endpoint. Division Supervisors and/or Branch Directors within the UC need to brief

parish Officials and cooperatively establish a transition strategy and schedule for the completion of the operational activities and the transfer of any remaining activity back to the normal (pre-hurricane) operation and business of the parish and/or state. For example, establish a schedule for re-initiating parish HHW collection/drop-off programs. The transition strategy should include steps to provide information to the public and coordination with the Information and Liaison Officers. The Operations Section Chief must be aware of the development of the strategy. The Division Supervisor and/or Branch Director document the parish's participation in the development and implementation of the transition strategy to show their general concurrence.

The successful completion or transition of operational activities back to the state and/or parish must ultimately be documented in a manner that supports the decisions to do so and demonstrates that stakeholders are aware of the decisions. The records of the transition must be forwarded to the State Coordinating Officer via the ESF#10 Lead at the JFO.

The Division Supervisor and/or Branch Director must also coordinate with the Planning Section of the IMT and prepare a Completion Report pertinent to the closeout of all operational activities (as defined in the Mission Transition Plan) within a specific parish. A Parish Completion Report is anticipated to be generated for each parish and must be forwarded to and signed by the UC. The Report consists of the individual Operational Activity Records of Completion that relate to a specific parish.

Prior to implementation of the transition strategy, the Operations Section Chief and Unified Command will be briefed regarding the approaching completion. Operations personnel may be asked to provide information to support the strategy and completion decision. Information may include trend analysis described above and confirmation of local official acceptance of the transition strategy. Also, provide information on any continued EPA activity in the parish, for example: EPA may be closing out HHW collection and drop-off activity but may still be involved in facility assessment.

Unified Command will inform their respective Agency contacts of approaching completion. Further, UC and/or the EPA Agency Administrator Representative will have additional briefing requirements dependent upon the significance of the issue. Refer to the attached Table 2. The UC will be informed by their respective Agency contacts of issues that may hinder or negate the ability to complete and closeout operational activity and will coordinate with the UC on steps to take to resolve any outstanding issues.

Final Completion Report documents will be issued by the UC pending the resolution of any identified issues within the scope of the Mission Assignment or Interagency Agreement.

On a parallel track the UC will advise the JFO and the AFO of an impending decision to complete and closeout operational activity. The JFO and AFO will advise FEMA.

Additionally, the Information Officer will coordinate with the appropriate State and Local officials and prepare press releases, as requested by the UC, concerning the completion of operational activities.

Once all parties have been informed, all operational activities are transitioned, and the Completion Report is finalized, the UC will initiate a process of informing the Parish, Agency contacts, FEMA, and the affected community of the decision to conclude the subject operational activities. A press release will likely be issued.

TABLE 1 PROCESS SUMMARY and CHECKLIST

Action	√	Assignee(s)	√	Information	√
Continuously evaluate operational activities and identify decision point for completion of activity or its transition back to state and/or parish.		Branch Director Division/Group Supervisor		**Activity Transition Criteria**: This section provides information relating to the evaluation of the factors discussed in Section IV of the Mission Transition Plan that relate to the transition of this specific activity Provide maps, charts, graphs, photos, etc. that would support a decision to stop the specific activities.	
Inform Parish, State and Federal officials of approaching decision point for completion of activity or transition back to state and/or parish. Document.		Operations Section Chief Branch Director Division/Group Supervisor		**Information/Briefing Summary:** This Section will be the record of the parish's concurrence and participation in the transition process. Provide narrative. For example, meeting summary, attendee list, contact information, etc.	
Work with Parish and State officials to establish transition strategy (including Outreach strategy) and the related completion schedule.		Division/Group Supervisor Liaison Officer Information Officer		**Strategy Details and Schedule:** Provide summary of the steps and activities taken to successfully transition work to the state and/or local authorities	
Prepare Activity Transition Record. Brief UC and submit to LDEQ UC may brief outside of the UC pending the significance of the issue.		Branch Director Division/Group Supervisor Appropriate Contact for activity		**Date:** Completion of the information required in this Table comprises the Record. The process stops here until a Parish or Mission Completion is ready to be done. DEQ will collect these records which document that specific activity is transitioned back to the	

				state and/or parish and use them to ultimately close out the mission.	
Prepare Completion Report when appropriate Brief UC and submit for UC signature		Operations Section Chief Branch Director		**Date:** The transition records for all activities in a parish or within an entire Mission Assignment are compiled and attached to a Determination signed by the UC. This is accomplished when all activities are transitioned or completed.	
Brief Agency contacts on activity completion prior to implementation. The need is determined by UC EPA briefing contact: Agency Administrator Representative		Unified Command		**Briefing Summary:** **Agency Contacts:** **Results:** Provide information that shows that the activity completion was briefed outside of the UC.	
Concurrently Brief JFO/AFO on activity closeout prior to implementation. Inform FEMA		Unified Command		**Date of Briefing:** **JFO/AFO Contacts:** **Results:** Provide information that shows that the activity completion was briefed to the JFO/AFO and that FEMA will be informed.	
Inform the community of the completion of the activity.		Information Officer		**Press Release Date:** Issue statement that addresses the completion of all activity within a parish or the completion of all activity under a Mission Assignment.	

TABLE 2 - Mission Transition/Completion Process

What is It	**Operational Activity Transition Process**	**Completion of UC Activity in a Parish**	**Completion of UC activity**	**Completion of UC Mission**
What is the level of further UC support to various operational activities	The UC may still support operational activity needs, but may not have a continued presence within specific Parishes	The UC may not support further operational activities in a specific Parish	The UC will not support further operational Activity and recommends Mission Assignment closeout	
What Documents are needed	**Operational Activity Transition Records**	**Parish Completion Reports**	**Mission Assignment Completion Reports**	**Mission Assignment Closeout**
What Contents or Information are contained within	Various information in accordance with the criteria in the Mission Transition Plan and Process	All pertinent Operational Activity Records of Completion By Parish	All pertinent Operational Activity Records of Completion By operational category	All pertinent Operational Activity Records of Completion By Mission
Who has Responsibility to Prepare the documents	Division/Group Supervisor	Operations and Plans Consult LDEQ and USCG	UC and Plans Consult LDEQ and USCG	R6
Who signs the documents	Division/Group Supervisor	Unified Command	Unified Command	R6
Who is briefed by whom	UC is briefed by Operations (significant issues are briefed to Agency contacts)	Agency Contacts briefed by UC Agency management briefed by Agency contacts	Agency Contacts briefed by UC Agency management are briefed by Agency contacts	TBD
Who receives the document	LDEQ, SCO File	LDEQ, SCO, Parish	UC Agency	FEMA

ATTACHMENT D

SAMPLE OPERATIONAL ACTIVITY TRANSITION RECORD

K3-O

Louisiana Unified Command
Mission Assignment Transition

Operational Activity Transition Record
For Household Hazardous Waste Operations in Jefferson Parish (Excluding Grand Isle)

To: State Coordinating Officer

From: Mike Ferriola/Pete Stevenson/Joe Davis
Division Supervisor/Branch Director/Operations Section Chief

Thru: Louisiana Unified Command for Emergency Support Function (ESF) #10 and the ESF #10 Lead

Approved by:

_____ Date: _____
EPA Incident Commander

_____ Date: _____
USCG Incident Commander

_____ Date: _____
LDEQ Incident Commander

_____ Date: _____
ESF #10 Lead

Action	Assignee(s)	Information
Purpose and Background	Branch Director Division/Group Supervisor	**FEMA Interagency Agreement (IAG) and Mission Assignment (MA):** HSFE06-06-X-2014 (IAG) ESF#10, 1603DR-LA-EPA-03 (MA) **Parish:** Jefferson **Operational Category:** Removal and disposal of household hazardous waste (HHW). **Authorized Activities:** Conduct field operations to remove and dispose of oil and hazardous substances in the form of HHW. **Attachment 1:** Mission Assignment and Action Request Forms
Findings	Branch Director Division/Group Supervisor	**Milestones:** The EPA HHW collection center opened on September 25, 2005. It was located at the Jefferson Parish Wastewater Treatment Plant located at 3 Humane Way, Jefferson, LA. Unified Command (UC) HHW crews operated between September 4, 2005 and February 28, 2006. EPA used street-level maps to divide the Parish into work zones. The work zones were divided further into quadrants. UC crews, consisting of up to five vehicles, were assigned a specific quadrant to work on. The crews conducted a sweep by starting in the corner of the quadrant and working their way up and down each street picking up HHW on the curbside. The crews usually completed a quadrant in one day and a zone in two or three days. If the quadrant wasn't completed the crew would start the next day were they left off. If the crew finished the quadrant that day EPA reassigned them to assist another crew. UC would increase or decrease the number of crews to meet the needs of HHW placed on the curbside by the public. The HHW center collected and disposed of approximately 1.2 million pounds of materials. The material was collected from citizen drop-offs at Lafitte, Lapalco, and David Drive, and from multiple reconnaissance and curbside pickups by

		EPA. Over 143,000 containers (drums, cylinders, small containers, and propane tanks), 40,000 Electronic Goods (televisions and computers), and 57,000 White Goods (refrigerators) were removed from the Parish. **Attachment 2:** Parish Map **Attachment 3:** HHW Collection Table and Graphs **Attachment 4:** Waste Disposal Table and Charts
Continuously evaluate operational activities and identify decision point for completion of activity or its transition back to state and/or parish.	Branch Director Division/Group Supervisor	**Activity Transition Criteria**: HHW collection continued until a negligible amount of hurricane related waste was routinely observed on the curbside or delivered to the drop-off locations. UC observed, in coordination with the Parish, that HHW collection had reduced to the point where the Parish could retain responsibility for the operations. Numerous rounds of aerial and ground reconnaissance did not identify additional items that needed to be addressed.
Inform Parish, State and Federal officials of approaching decision point for completion of activity or transition back to state and/or parish. Document.	Operations Section Chief Branch Director Division/Group Supervisor	**Summary:** The Division Supervisor has kept open communication with the Parishes since September. All transition decisions were made jointly among the Parish, EPA, and LDEQ. Meetings and/or correspondence were conducted between EPA and Jefferson Parish officials including Environmental Director, Marnie Winters, on December 21, 2005 and January 4, 2006 to agree upon the strategy to transition the HHW operations to local authorities. On January 4, 2006, Operations briefed the ESF-10 Unified Command. LDEQ is available if the Parish needs more information on the set up or maintenance of a HHW collection Program. The contact is Karen Fisher-Brasher at (225) 219-3265. **Parish Contact Names:** Deano Bonano (504) 512-0070 Marnie Winters (504) 913-6443 Rick Buller (504) 239-1187

Work with Parish and State officials to establish mission transition strategy (including Outreach strategy) and the related completion schedule.	Division/Group Supervisor Liaison Officer Information Officer	**Strategy details and schedule:** EPA determined, with the consent of Parish Environmental Director, Marnie Winters, that January 28, 2006 would be the last day for residents to drop off items at the three collection centers. If citizens have inquires after this date, they can contact Jefferson Parish at (504) 731-4612. The EPA released a press release on January 7, 2006 and distributed fact sheets in the community between January 6 and 9, 2006. All HHW and electronic waste was removed from the Jefferson HHW collection area as of March 2nd. All operations, including restoration and demobilization of equipment and supplies, were completed by March 15, 2006. HHW materials collected by the USACE segregation teams after January 28, 2006 are transported to the Jefferson Parish HHW collection area or to a permitted disposal facility. EPA will continue to provide services until February 28, 2006. Electronic goods were taken to the Jefferson HHW collection area until February 28, 2006 per direction of the ESF-10 debris coordinator. Beginning March 1, 2006, USACE is transporting HHW to the Orleans Parish collection area. The USACE continues to be responsible for picking up refrigerators, staging, removal of the contents, crushing, and recycling. EPA will remain available for Freon removal to the Parish. The USACE anticipates that the white goods operations will continue until March 15, 2006. For Freon removal, the long term point of contact (POC) is Peter Stevenson, EPA East Branch Director through April 22, 2006, at (303) 886-1639 and Charles Fisher, EPA East Branch Director starting on April 22, 2006 at (214) 789-2502. Soil samples were collected from the HHW staging area on March 3, 2006. Analytical results were received on March 6, 2006 and the analysis determined that there was no impact to the

		surface and shallow subsurface soils from HHW collection activities. **Attachment 5:** Pre and Post Deployment Soil Sampling Report
Inform the community of the transition of the activity back to regular authorities.	Information Officer	The Community Involvement Coordinators and the Division Supervisor worked together on a news release, a community fact sheet, and a public service announcement. **Press Release Date:** January 7, 2006 **Attachment 6:** News release and fact sheet

ATTACHMENT 1
MISSION ASSIGNMENT AND ACTION REQUEST FORMS

ATTACHMENT 2
PARISH MAP

ATTACHMENT 3
HHW COLLECTION TABLE AND GRAPHS

ATTACHMENT 4
WASTE DISPOSAL TABLE AND CHARTS

ATTACHMENT 5
PRE AND POST DEPLOYMENT SOIL SAMPLING REPORT

ATTACHMENT 6
NEWS RELEASE AND FACT SHEET

ATTACHMENT E

SAMPLE LOUISIANA UNIFIED COMMAND COMPLETION REPORT

K1-P

Louisiana Unified Command

Emergency Support Function #10 - Oil and Hazardous Materials Response

Jefferson Parish Completion Report

To: State Coordinating Officer

From: Mike Ferriola/Pete Stevenson/Joe Davis
Division Supervisor/Branch Director/Operations Section Chief

Thru: Louisiana Unified Command for Emergency Support Function (ESF) #10 and the ESF #10 Lead

I. PURPOSE AND BACKGROUND

The purpose of this memorandum is to document the completion of all operational activities within Lafourche Parish pursuant to Mission Assignments issued by the Federal Emergency Management Agency (FEMA). Based upon available information, no further assistance from Louisiana Unified Command (ESF #10) is required to address hazardous materials issues within Jefferson Parish.

As a result of hurricanes Katrina and Rita, an environmental Unified Command, pursuant to Emergency Support Function #10 – Oil and Hazardous Materials Response (ESF #10), for the State of Louisiana was formed. The Louisiana Unified Command consists of the Louisiana Department of Environmental Quality (LDEQ), the U.S. Environmental Protection Agency (EPA), and the U.S. Coast Guard (USCG). The main purpose of this Unified Command is to conduct response and removal operations related to hazardous materials in impacted parishes stemming from the affects of hurricanes Katrina and Rita.

Pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121 et seq. and ESF #10 administered by FEMA, the Louisiana Unified Command conducted various activities within Lafourche Parish between [date] and [date]. Information relating to and summarizing each of those activities can be found within the attached Operational Activity Transition Records and the following section of this Completion Record.

II. FINDINGS

The Unified Command initiated activity in Jefferson Parish on [date]. Operational activities included reconnaissance, assessment, collection, removal, and disposal of hazardous materials and oil within the Parish. Unified Command conducted activities that resulted in the removal of hazardous materials and oil spills and containers that threatened the Louisiana community. Our activities included the reconnaissance of affected facilities, the collection of samples, the removal of orphaned containers to collection areas, the collection of household hazardous waste, the removal of Freon from white goods, the removal of laboratory chemicals from schools and the disposal of the hazardous materials and oils from the Parish. Ultimately, the Unified Command effected the removal of over [#] containers of waste and disposed of [# pounds] of hazardous materials and oil collected from areas we were authorized to access and operate. The Unified Command removed laboratory chemicals from [#] schools and [HIGHLIGHT]. This Unified Command coordinated with other entities assisting the response efforts (e.g. U.S. Army Corps of Engineers) and coordinated our efforts with parish officials. The attached Operational Activity Transition Records provide additional information on each activity conducted by the Unified Command within the Parish.

III. DETERMINATION OF COMPLETION

The Louisiana Unified Command for ESF#10 determines that it has fulfilled its obligations pursuant to Interagency Agreement HSFE06-06-X-2014 and to FEMA Mission Assignment 1603DR-LA-EPA-03, as they relate to Jefferson Parish. The Unified Command determines that no additional assistance relating to hazardous materials and oil is required at this time and that any remaining issues are successfully transitioned from this Unified Command back to the authorities of the State of Louisiana and Jefferson Parish.

_____ Date: _____
EPA Incident Commander

_____ Date: _____
USCG Incident Commander

_____ Date: _____
LDEQ Incident Commander

Louisiana Unified Command
Emergency Support Function #10 - Oil and Hazardous Materials Response
St. Tammany Parish Completion Report

To: State Coordinating Officer

From: Louisiana Unified Command for Emergency Support Function (ESF) #10

Thru: ESF #10 Lead 6/22/07

I. PURPOSE AND BACKGROUND

The enormity of environmental tasks associated with cleaning up from a natural disaster on the scale of Hurricanes Katrina and Rita is unprecedented in this country in terms of scope, duration and cost. States, parishes/counties and local municipalities have primary jurisdiction with regard to natural catastrophe cleanup. To the extent they are capable, these entities initiate cleanup activities operating under their own statutes and their various emergency operation and/or incident response plans, often in coordination with various federal agencies, as needed. In the event that state and local governments are overwhelmed by a natural disaster, as with Hurricanes Katrina and Rita, the President may authorize federal authorities to respond to the disaster. As a result of these hurricanes, a Louisiana Unified Command, pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121 et seq. and Emergency Support Function #10-Oil and Hazardous Materials Response (ESF#10) was formed to conduct a response and recovery operation in impacted parishes. This Unified Command consisted of the Louisiana Department of Environmental Quality (LDEQ), the U.S. Coast Guard (USCG) and the U.S. Environmental Protection Agency (EPA).

Unified Command conducted various activities within St. Tammany Parish between September 2005 and May 2007. The purpose of this completion report is to document the completion of all operational activities within St. Tammany Parish pursuant to an Interagency Agreement and Mission Assignments issued by the Federal Emergency Management Agency (FEMA). Based upon available information, no further assistance from Louisiana Unified Command (ESF #10) is required to address oil and hazardous materials issues within St. Tammany Parish. Information relating to and summarizing each of those activities can be found within the attached Operational Activity Transition Records and the following sections of this Completion Record.

II. FINDINGS

The Unified Command initiated activity in St. Tammany Parish in September 2005. Operational activities included: Environmental sampling of water quality, soil, and air; the recovery of Household Hazardous Waste (HHW), orphan containers, and ammunition; reconnaissance of

affected facilities, radiation source surveys, the assessment of drinking water and wastewater facilities; and the removal of laboratory chemicals from schools in the Parish. The Unified Command conducted the following assessments:

Reconnaissance of Public and Parochial Schools	
School Laboratory Assessments	School Laboratory Removals
76 schools	4 schools

Facility Assessment – FRP	Facility Assessment - RMP	Facility Assessment – RCRA	Facility Assessment - TRI	Facility Assessment – UST
2 facilities	3 facilities	40 facilities	6 facilities	168 facilities

Drinking Water-Task 1	Drinking Water-Task 2	Drinking Water-Task 3	Drinking Water-Task 4
240 facilities	231 facilities	92 facilities	72 facilities

Wastewater Assessments	Radiation Source Surveys
86 facilities	16 sources

The Unified Command coordinated its response efforts with Federal, State, and Local officials. The attached Operational Activity Transition Records provide additional information on each activity conducted by the Unified Command within the Parish.

III. DETERMINATION OF COMPLETION

The Louisiana Unified Command for ESF#10 determined that it has fulfilled its obligations pursuant to Interagency Agreement HSFE06-06-X-2014 and to FEMA Mission Assignments 1603DR-LA-EPA-03, 1603DR-LA-EPA-04, 1603DR-LA-EPA-07, and 1603DR-LA-EPA-09, as they relate to St. Tammany Parish. The Unified Command determined that no additional assistance relating to hazardous materials and oil is required at this time and that any remaining issues are successfully transitioned from this Unified Command back to the authorities of the State of Louisiana and St. Tammany Parish.

EPA Incident Commander — Date: 5/23/07

CTJG, USCG — Date: 6/10/07
USCG Incident Commander

LDEQ Incident Commander — Date: 05/25/00

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Louisiana Unified Command
Emergency Support Function #10 - Oil and Hazardous Materials Response
Orleans Parish Completion Report

To: State Coordinating Officer

From: Louisiana Unified Command for Emergency Support Function (ESF) #10

Thru: ESF #10 Lead 6/22/07

I. PURPOSE AND BACKGROUND

The enormity of environmental tasks associated with cleaning up from a natural disaster on the scale of Hurricanes Katrina and Rita is unprecedented in this country in terms of scope, duration and cost. States, parishes/counties and local municipalities have primary jurisdiction with regard to natural catastrophe cleanup. To the extent they are capable, these entities initiate cleanup activities operating under their own statutes and their various emergency operation and/or incident response plans, often in coordination with various federal agencies, as needed. In the event that state and local governments are overwhelmed by a natural disaster, as with Hurricanes Katrina and Rita, the President may authorize federal authorities to respond to the disaster. As a result of these hurricanes, a Louisiana Unified Command, pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121 et seq. and Emergency Support Function #10-Oil and Hazardous Materials Response (ESF#10) was formed to conduct a response and recovery operation in impacted parishes. This Unified Command consisted of the Louisiana Department of Environmental Quality (LDEQ), the U.S. Coast Guard (USCG) and the U.S. Environmental Protection Agency (EPA).

Unified Command conducted various activities within Orleans Parish between September 2005 and May 2007. The purpose of this completion report is to document the completion of all operational activities within Orleans Parish pursuant to an Interagency Agreement and Mission Assignments issued by the Federal Emergency Management Agency (FEMA). Based upon available information, no further assistance from Louisiana Unified Command (ESF #10) is required to address oil and hazardous materials issues within Orleans Parish. Information relating to and summarizing each of those activities can be found within the attached Operational Activity Transition Records and the following sections of this Completion Record.

II. FINDINGS

The Unified Command initiated activity in Orleans Parish in September 2005. Operational activities included: Search and Rescue; environmental sampling of flood water, conveyance water, water quality, sediment, potable water, soil, air and soil sampling at FEMA temporary housing sites; the

recovery of Household Hazardous Waste (HHW), orphan containers, and ammunition; reconnaissance of affected facilities, radiation source surveys, the assessment of drinking water and wastewater facilities; and the removal of laboratory chemicals from schools in the Parish. The Unified Command conducted the following assessments:

Reconnaissance of Public and Parochial Schools	
School Laboratory Assessments	School Laboratory Removals
240 schools	31 schools

Facility Assessment – FRP	Facility Assessment - RMP	Facility Assessment - RCRA	Facility Assessment - TRI	Facility Assessment – UST
17 facilities	9 facilities	78 facilities	8 facilities	312 facilities

Drinking Water-Task 1	Drinking Water-Task 2	Drinking Water-Task 3	Drinking Water-Task 4
2 facilities	7 facilities	4 facilities	1 facilities

Wastewater Assessments	Radiation Source Surveys
23 facilities	44 sources

The Unified Command coordinated its response efforts with Federal, State, and Local officials. The attached Operational Activity Transition Records provide additional information on each activity conducted by the Unified Command within the Parish.

III. DETERMINATION OF COMPLETION

The Louisiana Unified Command for ESF#10 determined that it has fulfilled its obligations pursuant to Interagency Agreement HSFE06-06-X-2014 and to FEMA Mission Assignments 1603DR-LA-EPA-02, 1603DR-LA-EPA-03, 1603DR-LA-EPA-04, 1603DR-LA-EPA-07, 1603DR-LA-EPA-08 and 1603DR-LA-EPA-09, as they relate to Orleans Parish. The Unified Command determined that no additional assistance relating to hazardous materials and oil is required at this time and that any remaining issues are successfully transitioned from this Unified Command back to the authorities of the State of Louisiana and Orleans Parish.

Nancy Jones — Date: 5/23/07
EPA Incident Commander

LTJG, USCG — Date: 6/18/07
USCG Incident Commander

Dwight Brubaker — Date: 05-18-07
LDEQ Incident Commander