



Debris Management Overview

Tropical Storm Irene

August 28-31, 2011



Solid Waste Advisory Committee Meeting

Waste Engineering & Enforcement Division

September 27, 2011

Irene Impacts



- Significant resulting tree damage; structural damage along coast and inland along rivers and streams
 - Landfall at highest tide of month
 - Soils already saturated from above normal August rainfall
 - Very dense tree cover next to power lines
 - No major state-wide wind events since Hurricane Gloria in '85
 - Large physical size of storm contributing to both coastal and inland flooding of rivers and streams affecting structural elements at these locations

Organizational Structure to Conduct Debris Management

- Natural Disaster Plan (DEMHS)
- Disaster Debris Management Plan (DEEP)
- State Contracts for [debris removal](#) and [monitoring of debris removal](#) operations



State Implementation Process

- Provided by the **Concept of Operations Plan (ConOps)**
 - Guidance for the State, its contractors, and other parties to facilitate the removal, management, collection and disposal of debris.
 - Provides a pre/post event timeline and related activity and/or plan execution action items.
- Executed by the **Interagency Debris Management Task Force (IDMTF)**

Pre-Landfall Phase – Preparation

- Two days out:
 - Monitoring storm event
 - Governor activates partial operation of Emergency Operation Center (EOC)
 - Implementation of the Natural Disaster Plan and Disaster Debris Management Plan
 - Begin communications with other state agencies participating in IDMTF and contractors AshBritt, SAIC /Beck Disaster Recovery
 - Review Temporary Debris Storage & Reduction Site (TDSRS) file; DEEP conducts field visits to several sites to assess suitability
 - Emphasize to towns – No TDSRS on state lands
 - Coordinate with utilities on location of utility staging to avoid conflicts on state properties.
 - Review Emergency Authorization templates



Dannel P. Malloy
GOVERNOR
STATE OF CONNECTICUT

August 26, 2011

SECRETARY OF THE STATE
CAPITOL OFFICE
2011 AUG 26 PM 4:00

The Honorable Denise Merrill
Secretary of the State
State Capitol
210 Capitol Avenue
Hartford, CT 06106


- RE: Activation of State of Connecticut Disaster Debris Management Contracts:
1. Disaster Debris Management and Removal Services – AshBritt, Inc.
a. Contract Award Number 08PSX0027
 2. Disaster Debris Monitoring Services – Beck Disaster Recovery, Inc.
a. Contract Award Number 08PSX0028

Dear Secretary Merrill:

Pursuant to Connecticut General Statutes, Section 28-9, I have declared that a state of Civil Preparedness Emergency exists as a result of a severe weather conditions predicted to affect the State, specifically Hurricane Irene.

As such, I am hereby authorizing the activation of the State's Disaster Debris Management Contracts. With this authorization I am directing the following agencies to fulfill their duties under these contracts, namely: Department of Emergency Services and Public Protection, Department of Energy and Environmental Protection, Department of Transportation, and Department of Administrative Services.

I am filing this notice with you under my hand and seal on this 26th day of August, 2011.


Dannel P. Malloy
Governor

TIME: 3:46 pm



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Dannel P. Malloy
GOVERNOR
STATE OF CONNECTICUT

SECRETARY OF THE STATE
CAPITOL OFFICE

2011 AUG 26 PM 4:00

August 26, 2011

Denise Merrill
State

Members of Interagency Debris Management Task Force (IDMTF) Members:

Anthony Pahl, Anthony Dembek, Mark Scerra, Emergency Management Program Specialist, DESPP

Chris Gagliardo, Chris Nelson, Supervisors, DEEP

Tomomans, Transportation Maintenance Director; Alan White, Manager of Operations, DOT

Phil Wilson, Director of Procurement; Paul Greco, Procurement Specialist,

Denise Merrill, Chief Operating Officer; Ralph Dahlgren, Sr., Vice President, Beck Disaster Recovery, Inc.

Denise Merrill, Regional Program Manager; Nate Counsell, Vice President, SAIC Beck Disaster Recovery, Inc.

Pursuant to Connecticut General Statutes, Section 28-9, I have declared that a state of Civil Preparedness Emergency exists as a result of a catastrophic event.

I am hereby authorizing the IDMTF members to perform the following functions:

Coordinate and conduct preparedness activities and serve as operational support for debris management and monitoring activities are

Coordinate and conduct State Disaster Debris Management and Monitoring Contractors by issuing Task Orders; Task Orders will be issued (i.e., approved and executed) by DESPP (to AshBritt, Inc. or Philips and Jordan, Inc.) for debris removal and by DEEP (to Beck Disaster Recovery, Inc. for debris monitoring).

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Pre-Landfall Phase - Preparation

- One day out
 - Pre-landfall Emergency Declaration, 9/27
 - IDMTF assembles at the EOC
 - Begin monitoring EOC debris email account
 - Begin submitting debris status for Situational Reports and Governor briefing meetings
 - Draft purchase orders and task orders
 - Contractors provide planning and prepare to mobilize.
 - Contractors estimate dollar value for debris removal based on county based debris volume estimates
 - DOT assists with mapping to be used for sectoring and prioritizing debris removal
 - Planning for assurances that utility staging sites don't overlap with potential debris staging sites

Phase 1: Push & Shove

- First 70 hours – state pays for any municipal assistance to clear roads by AshBritt for this storm.
- DOT handles clearing on state roads; towns handle their own roads.
- Debris Team logs in requests from municipalities for additional assistance in clearing downed trees
 - Requests for both National Guard assistance and AshBritt assistance for towns with significant number of trees down with wires.
 - Requests coming in from town EMDs via DEMHS Regional Coordinators



Phase 2: Debris Removal and Recovery

Post 70 hour period

- State no longer pays
- Towns must contract directly with state's contractor, or select contractor of their choice
- Contracts have to be competitively bid for reimbursement consideration

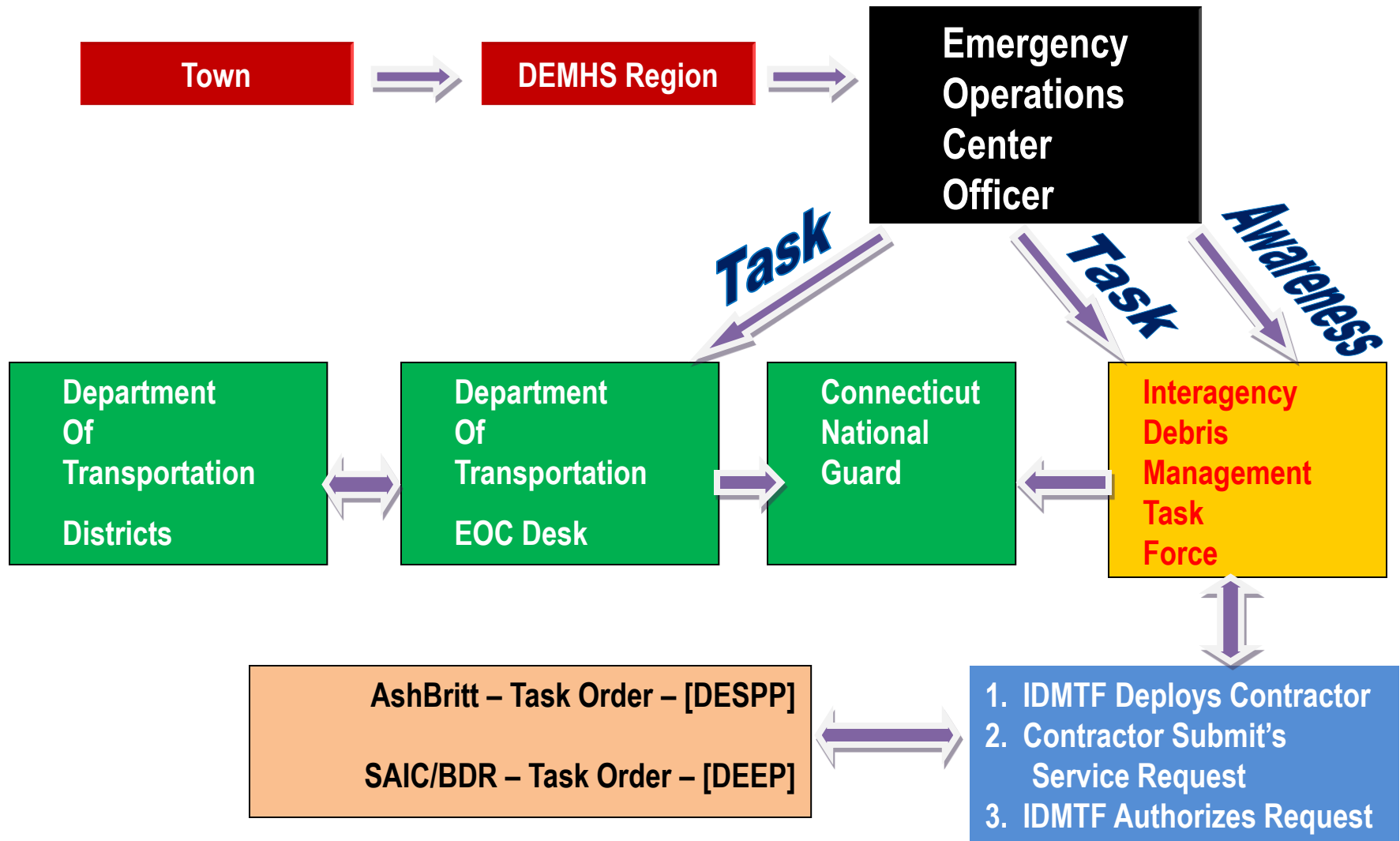


Eligibility Requirements for Reimbursements

- FEMA requires:
 - County-wide disaster declaration for a town to be reimbursed
 - Towns must carefully document and monitor all activities related to debris removal and management for final recycling or disposal



SERVICE REQUESTS APPROVALS & TASK ORDERS



LOG-IN OF MUNICIPAL REQUESTS

								Number of MS Receiving Resources			
Work has been completed											
No e-mail corresponding to request											
Site											
83		Number of Service Requests									
Date Req	Time	Municipalities / Sites	Count	Region	Electric Service	Scope of Work (e.g., debris removal)	Current Scope Status	Task Order A	Task Order B	National Guard	Other
08/28/11	9:10 PM	Bridgeport	Fairfield	Region 1	UI	Bucket trucks to remove hazardous trees and limbs.	08/29/11, equipment deployed.	4	4		
08/29/11	7:34 PM	Columbia	Tolland	Region 4	CL&P	Removal of downed trees w/wires	Line work is needed (CL&P)				
08/29/11	3:25 PM	East Haddam	Middlesex	Region 3	CL&P	Removal of downed trees w/wires	Line work is needed (CL&P)				
08/29/11	10:09 PM	East Hampton	Middlesex	Region 3	CL&P	Debris removal with CL&P	Line work is needed (CL&P)				
08/29/11	2:34 PM	East Haven	New Haven	Region 2	UI	Requests Debris Removal Assistance for shoreline area of East Haven. The location is Cosey Beach Ave. NOTE: Collapsed houses involved.	National Guard to performing debris clearing. **** Elm Street x Sidney Street, Large tree approximately sixty foot long, forty feet across (limbs) with a 4.5 foot diameter trunk. Majority of the wood was taken by local residents so only one 15 CU Yard dump was filled in this mission. **** Cosey Beach Avenue and connecting streets. Removed fifteen dump truck loads of debris from roadway. Dumps had 15 CU Yard capacity. Removed approximately forty CU Yards of sand from a narrow roadway, granting access to the beach. Approximately 1,000 meters of main roadway cleared.			Yes	
08/29/11	7:22 PM	East Lyme	New London	Region 4	CL&P	Need help w/ debris fields.	08/30/11, request take over town DPW work on debris clearing; town to forward list of roads to facilitate review of their request.	4	4	Yes	
08/29/11	3:49 PM	Groton Town	New London	Region 4	CL&P	Removal of downed trees w/wires	09/01/11, additional self loaders added.	4	4		
08/29/11	7:25 PM	Lebanon	New London	Region 4	CL&P	Downed Trees w/ wires	08/31/11, 1 bucket truck and 1 self-loader Knuckleboom Loader Truck deployed	4	4		
08/29/11	7:29 PM	Lisbon	New London	Region 4	CL&P	Removal of downed trees w/wires. 08/31/11@10:44 - AshBritt not able to deploy trucks due to down power lines.	Line work is needed (CL&P)				
08/29/11	6:50 PM	New Canaan	Fairfield	Region 1	CL&P	Downed Trees w/ wires	09/02/11 @ 10:30 HRS, No need for assistance for debris removal. Still need CL&P.				
08/29/11	2:37 PM	New Haven	New Haven	Region 2	UI	Debris Removal for building damages along shore line and route clearance. Location: Morris Cove and Annex - 450 Lighthouse Road; Removal of downed trees w/wires	Line work is needed (UI)	4	4		
08/29/11	7:24 PM	North Stonington	New London	Region 4	CL&P	Removal of downed trees w/wires	08/31/11, 1 bucket truck and 1 self-loader Knuckleboom Loader Truck deployed	4	4		
08/29/11	?	Old Lyme	New London	Region 4	CL&P	Removal of downed trees w/wires; 09/08/11: The EM Fire Marshall David Roberge contacted AshBritt (Ralph Dahlgren) to conduct debris assessment on debris in holding area and on the ROW	AshBritt conducted debris assessment. Municipality informed AshBritt that they would be putting this out for competitive bid.				
08/29/11	3:59 PM	Plainfield	Windham	Region 4	CL&P	Removal of downed trees w/wires	Line work is needed (CL&P)				

DEEP Web Site Information

- **Information for Municipalities:**
- [Site Selection Guide for Temporary Debris Storage and Reduction Sites \(TDSRS\)](#)
- [Emergency Authorization Fact Sheet for Managing Storm Generated Debris](#)
- [Downed Trees](#)
- [Municipal Emergency Authorization - Hurricane Irene](#)
- [Municipal Guidance on Use of State Disaster Debris Removal and Monitoring Contracts](#)
- [Fact Sheet - Appointment of Local Open Burning Official and Guidance on Brush Management Options](#)

DEEP Web Site Information

- **Information for Municipalities and Residents:**
 - [Solid Waste Management - Household Garbage; Storm Debris](#)
 - [Picking up the Pieces - Putting Your Debris at the Curb for Pickup](#)
 - [Important Health Information - Hurricane Irene](#) (CT DPH)
 - [Public Information Concerning Disaster Debris Pickup](#)