# Demolition Monitoring

#### A GUIDE FOR TRAINING MONITORS IN 404 HMGP DEMOLITIONS AND DEBRIS REMOVAL

Iowa Homeland Security and Emergency Management



## Why is Monitoring Needed?

• VERIFICATION that the work completed is within the specified scope

Provides the required

DOCUMENTATION

that will provide for Public Assistance and/or Hazard Mitigation Grant program reimbursement

## Monitoring Staff:

## THE PRIMARY FUNCTIONS OF THE MONITOR ARE TO:

- Document the demolition and debris removal process
- Insure that the contractor abides by the specifications contained in the contract
- Enforce archeological requirements for the cessation of work if human remains or artifacts are unearthed. MINIMAL SOIL DISTURBANCE AT THE SITE IS MANDATED!
- Protect the workers and public

#### Monitoring Need-to-Knows:

- Know the type of demolition debris being generated!
- The monitor should have a working knowledge of the contract to ensure compliance by the contractor
- Debris life cycle- Where did it start? Where did it end up?
- The monitor should maintain a list of the following: Contractor's personnel & phone numbers of those involved in the demolition process, vehicles/machinery used in the demolition process.

## DOCUMENT:

The amounts of debris being collected

The original collection location (Address and GPS Coordinates)

 The disposal process and location of final disposition (landfill)

#### **DOCUMENTATION-Load Tickets:**

- Load Tickets typically have 4 carbon copies for each load of debris
- Load Tickets are issued by the monitor at the demolition site
- The Load Ticket, not the landfill ticket, must contain all data and signatures of the appropriate personnel
- The monitor is responsible for holding and organizing all load tickets and landfill tickets
- The monitor is responsible for providing copies of everything to the appropriate parties (contractor, applicant, State/FEMA)

#### LOAD TICKET

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	10 10	S	ub-C	Contractor		
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N		W				
	Unloadi					
Debris Classification		Est	ımate	ated %, CYs, or Actual Weight		
☐ Vegetation ☐ C&D ☐ White Goods ☐ HHW						
Other* See Bel	ow					
	Time	Date	1	Ins	spector/Monitor	
Unloading						
DMS Name and Loca	ation					
*Other Debris Explar	nation		Co	riginal: opy 1: opy 2: opy 3:	Applicant	

### LANDFILL TICKETS

• Landfill tickets are typically attached to the load tickets, indicating the gross weight of the truck upon entering the disposal facility, and the net weight of the load.

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#### DAILY HAUL RECORD

- The Haul Record combines information from the load and landfill tickets
- Summarizes all hauling activities per property
- This sheet includes a breakdown of:
  - C&D
  - Basement fill
  - Is accompanied by the load and landfill tickets

#### DAILY HAUL RECORD

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#### MONITOR'S ROLE IN THE FIELD

- The monitor must be on site throughout the entire demolition process
- Completes and physically controls load tickets
- Ensures trucks are accurately credited for their loads
- Ensures trucks are not loaded with unauthorized debris
- Ensures the site is properly secured before the demolition measures begin
- Checks credentials of all personnel involved in the demolition

#### MONITOR'S ROLE (cont.)





- Oversees site restoration- fill and compaction.
- Reports to the project manager if faulty, unsafe or improper equipment is used or if safety standards are lacking
- Ensures that work ceases if human remains or archeological deposits are discovered

#### MONITOR'S ROLE (cont.)





- Sees that 3-4 photos are taken of each site during the demolition process.
- Knows rules on hazardous materials for the job site and how they are to be treated.
- Is familiar with demolition procedures.
- 404 demolitions require green space compliance- all structures must be removed!

#### Site Setup



- Mandatory- A properly fenced Demolition Zone- protects possible onlookers
- Unauthorized personnel are not permitted in the Demo Zone at any time, until the structure is fully removed

## Truck and Trailer





Trucks without a tailgate (L) or without a solid metal tailgate (R) are not appropriate for any demolition debris hauling

## Examples

















