Orange County Hurricane Debris Removal Strategy

FACERS

December 1, 2004

Presentation Outline

- Background
- Debris Removal Plan
- FEMA Issues

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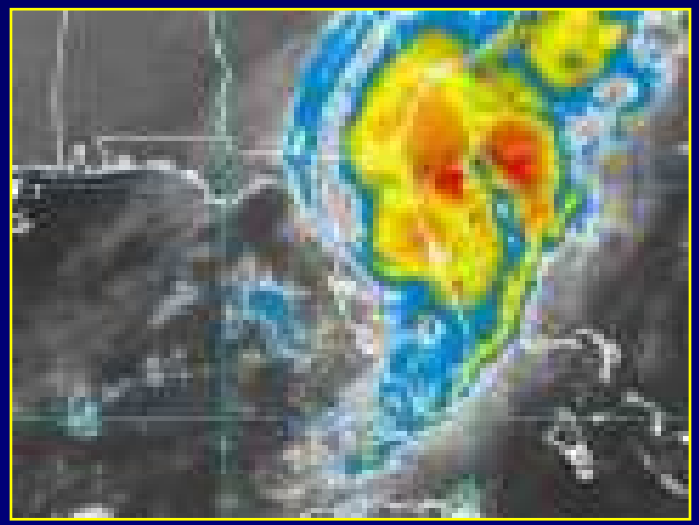
- Issues/Challenges

Background

- Hurricane Charley-August 13, 2004
- Hurricane Frances-September 3, 2004
- Hurricane Jeanne-September 26, 2004



Background

- Total Debris Estimate - 2.8 Million Cubic Yards
- Two Contractors
  - Crowder Gulf
  - Ashbritt
- Program Manager/Monitor
  - PBS&J

Presentation Outline

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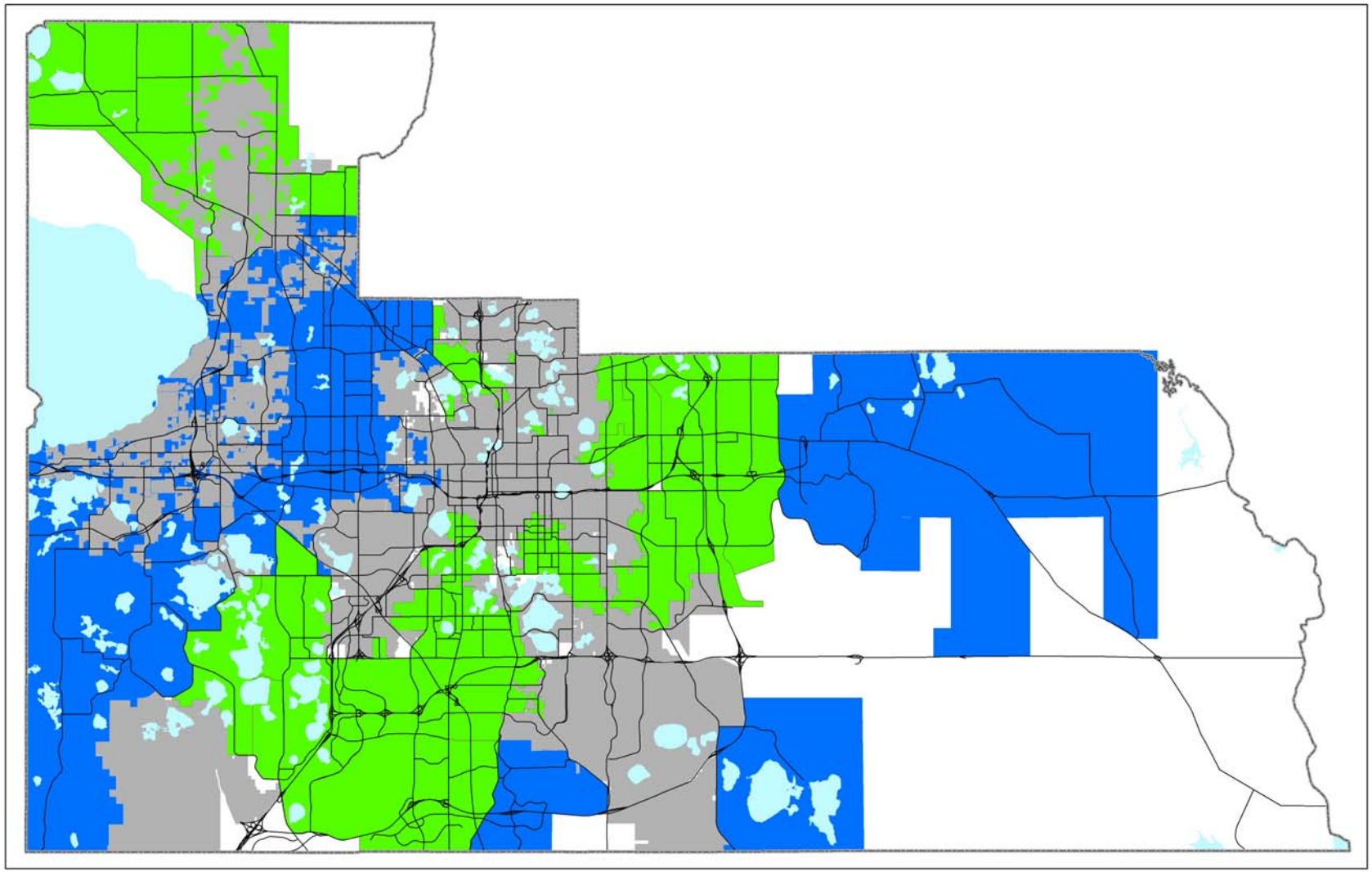
Debris Removal Plan

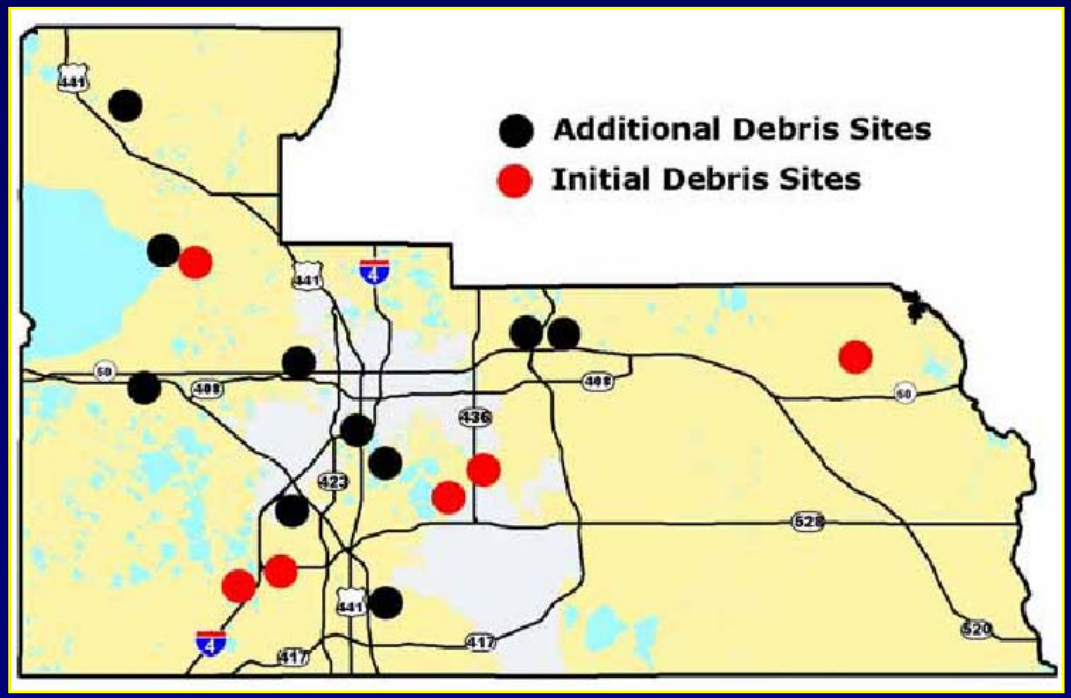
- First Pass – Vegetative Debris
  - Limbs, Shrubbery, Smaller Logs, Larger Stumps
    - Completed October 24, 2004
- Construction Debris
- Subsequent Passes as Necessary
  - Final Pass
    - Beginning November 29, 2004

Debris Removal Plan

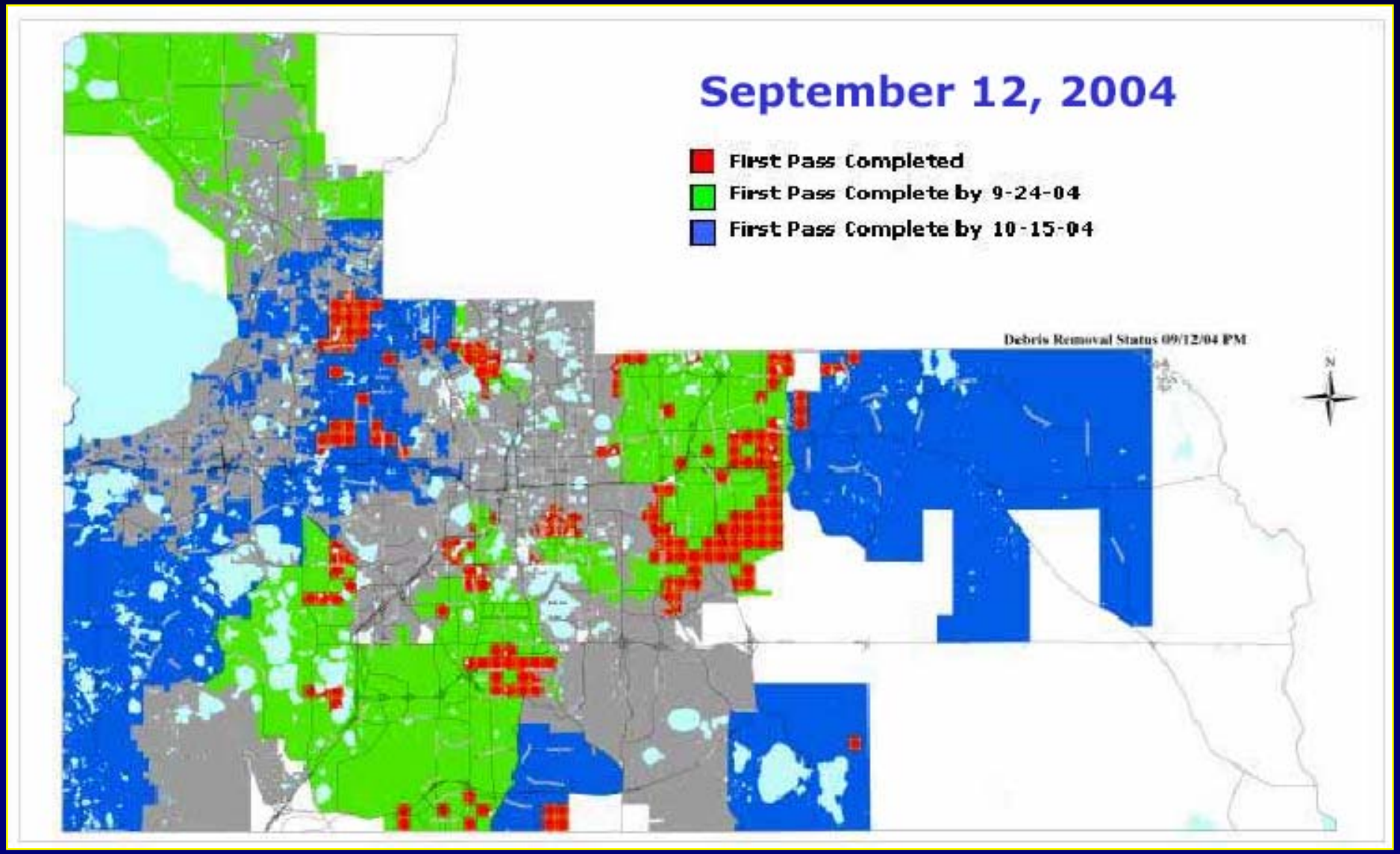


Debris Removal Plan

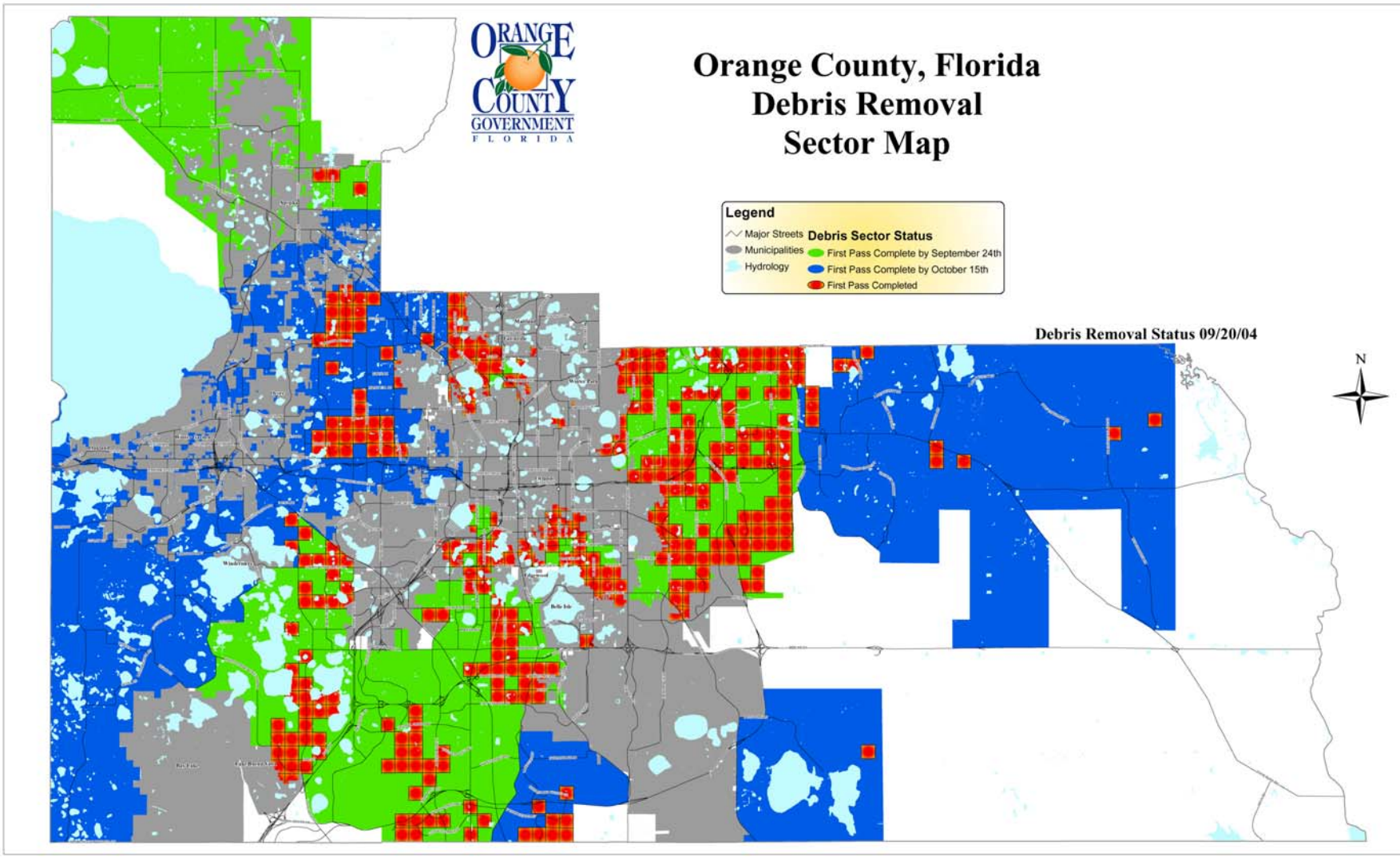
- 18 Citizen Sites
- 2.3 Million Cubic Yards Removed as of November 18, 2004
- 8 Contractor Sites



Debris Removal Plan



Debris Removal Plan



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FEMA Issues

- Failure to Comply With Requirements of Section 325(b) of Stafford Act
  - Allowance of Public Consultation Before Adopting Interim Policies

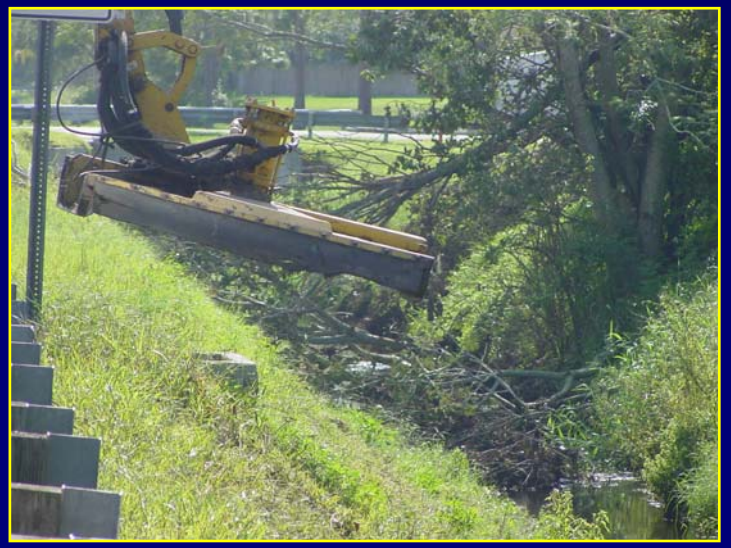
- Disaster Specific Guidance #14
  - Limit Reimbursable Capacity of Hand-Loaded Vehicles to 50% of Rated Volume

FEMA Issues

- Cap of Reimbursement Rates for Debris Monitors and Tower Monitors at $35.00 and Field Supervisors at $55.00
- Inclusion of All Other Debris Monitoring Costs Under Administrative Fee Calculation

FEMA Issues

- FEMA Field Monitors Have Attempted to Direct Debris Removal Effort Instead of Monitoring It
- Reimbursement Methodology for Stumps



FEMA Issues

- Debris Originating From Undeveloped Urban / Infill Lots
- Green Material
  - Threat of Non-Reimbursement
- Gated Communities