

Virginia Department of Emergency Management



**U.S. Navy F-18D Hornet Crash
Virginia Beach, Va.**

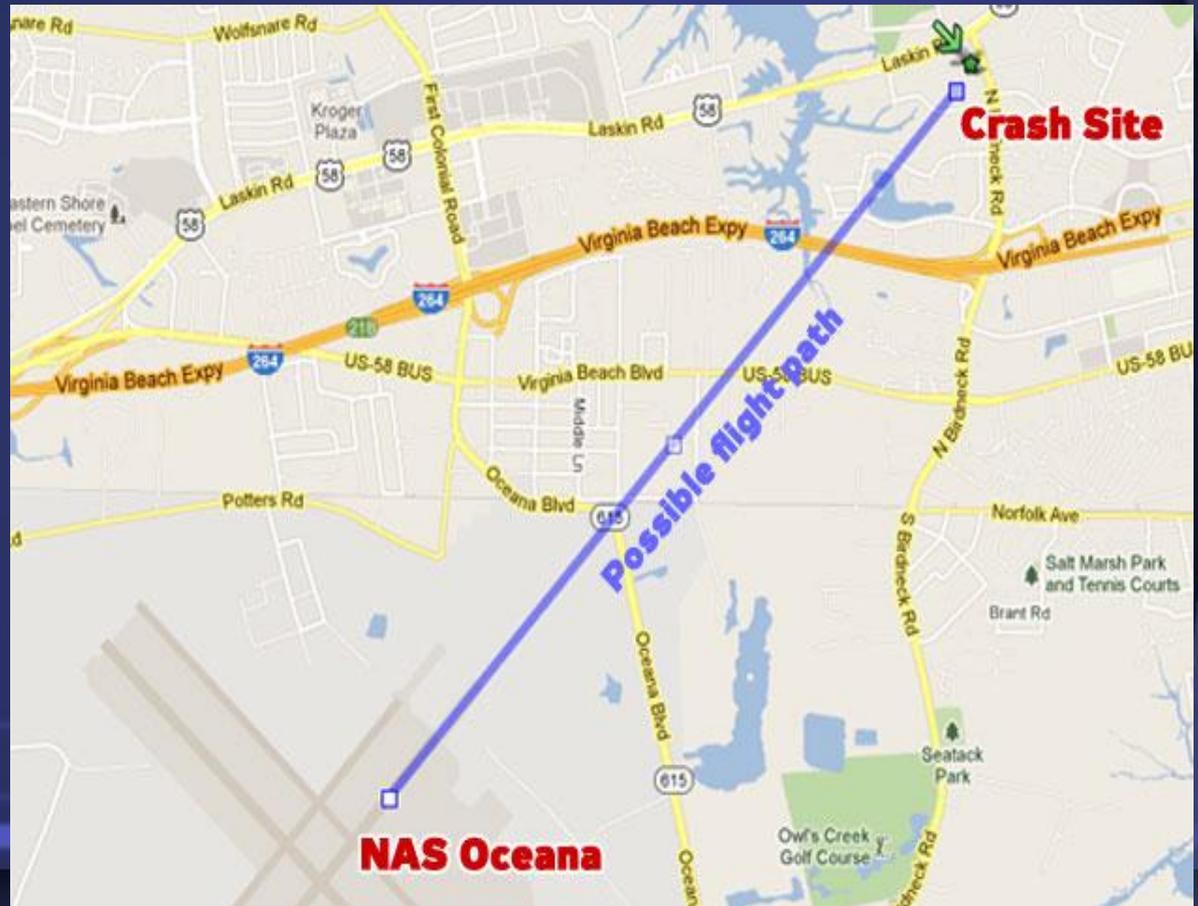




Statistic

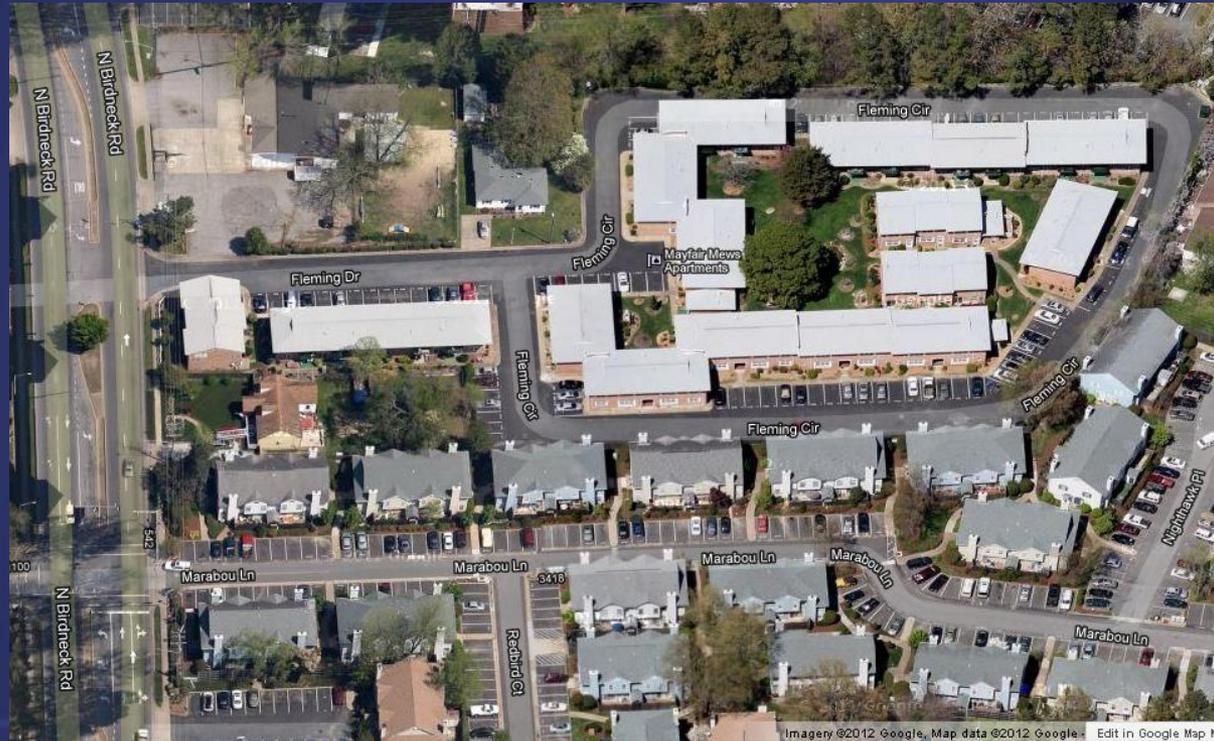
- April 6, 2012
- 12:10 AM
- Good Friday
- Sunny and Warm

6	7
Actual Temp 56° Lo 38° Hist. Avg 66° Lo 45°	Actual Temp 64° Lo 38° Hist. Avg 66° Lo 45°

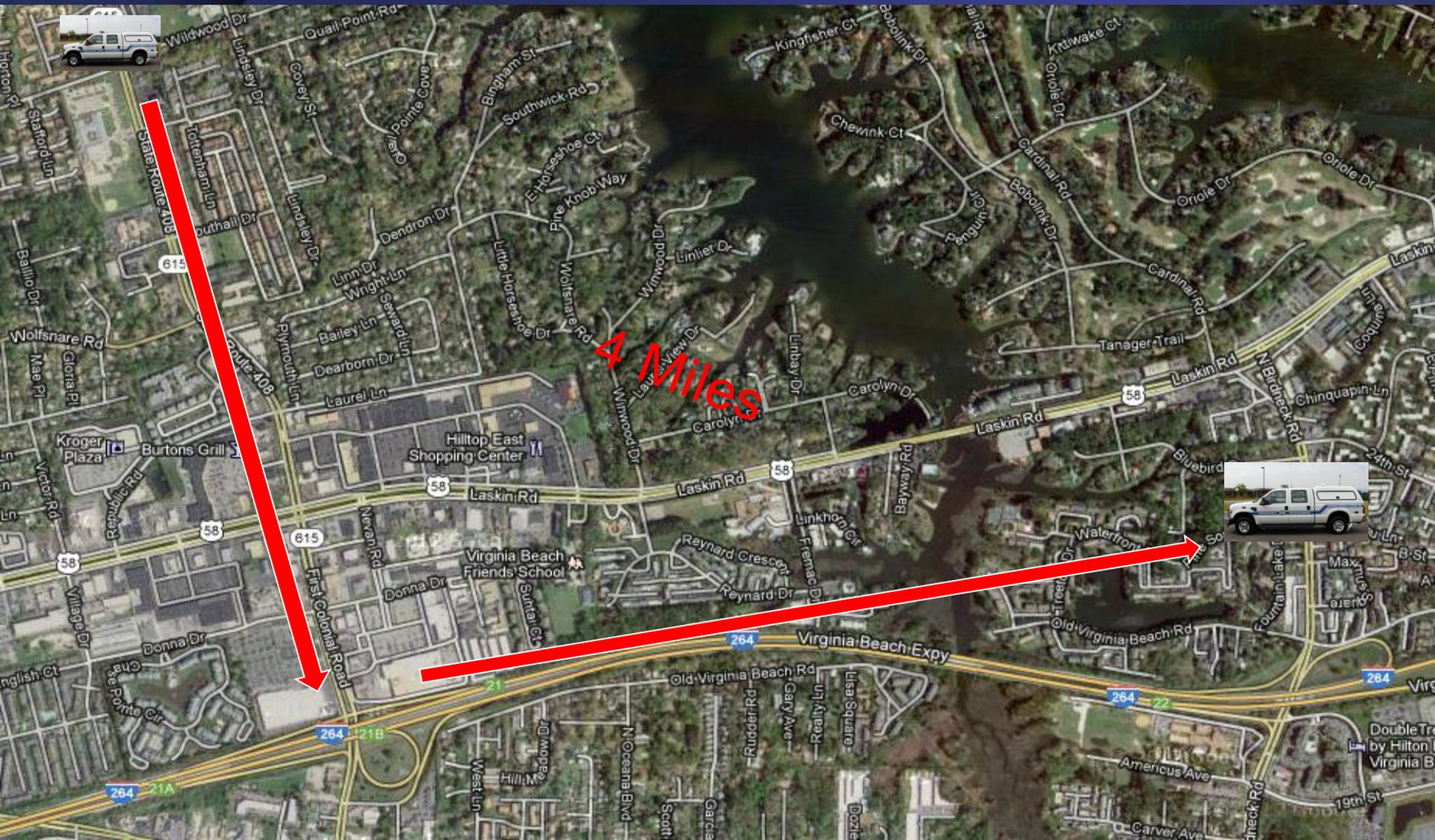


The Area

- Heavily Populated area.
- Only 1 mile from the resort strip.
- 1.5 miles from the runway



Response



Arrival

- Mayfair Mews Apartments heavily involved in fire.
- Collapsed structures.
- Multiple Alarms called.
- Multi-Agency Response
- Ray Haring/John Settle





NIMS – Initial Command

- Initial Command
- Transitions into a Unified Command
- Planning “P”



Incident Priorities

- Rescue
- Exposures
- Confinement
- Site Control
- Hazmat
- Investigation
- Recovery
- Public Information!!



Assist with Hazmat Issues

Immediate Issues

- Identification and control of known and unknown hazardous materials.
- Site Control
- Exposures –Downwind.
- Establish a contamination reduction corridor.
- Establish proper hygiene
- Real Data on Carbon Fiber - Research
- Secure Gas Leaks

Goals to attain in next planning period

- Recovery of rogue carbon fiber
- Evaluation of run off.
- Establish real-time D&M of carbon fiber and particulates in air.
- Assist with removal of engines and aircraft

Hazard Identification-Hazmat

- Aircraft fuel/fires
- Pressurized vessels (O2 and LPG)
- Natural Gas Leaks
- Ordinance?
- Particulates/Fiber



Aircraft fuel/fires

- Foam used to control jet fuel vapors.
- NG leaks too dangerous to secure on crash area.
- LPG and O₂ cylinders destroyed
- Measure VOCs in air and LEL





Particulates/Carbon Fiber

- Research
- Fiber suppression
- Establish Detection & Monitoring
- Establish TLV/TWA for public exposure
- Get factual data to PIO on results of D&M



500 Gallons of Floor Wax Used

Multiple Technologies

- Provided by the EPA – Big Help!
- Multiple Technologies deployed
- Daily Briefs on monitoring results.



Public Information

- Controlling and providing timely data kept rumors and media misinformation under control.







Site Control

- Fencing
- Control Points
- Perimeter Monitoring by LE



PPE Required

- Firefighters
- Investigators
- Navy OSC
- Contractors

The scope of work dictates the PPE. Respirators for all





PPE Required
DECON

Command

Logistics

MEDIA





Decontamination

- Gross Wash
- Level 2
- Launder PPE
- APR/Gloves





ENCH
TMAN

M. PULL

Hepaco/EPA/VDEM/DEQ/PH

- Team work helps address environmental concerns



Aircraft Removal

- Must be disassembled on-site
- Navy Regional Mid Atlantic Fire-Rescue.
- Plan development and approval



Aircraft Removal

- Remove engines
- Left them to waiting engine casks
- It would take two days of cutting, prying, spreading, disassembling.









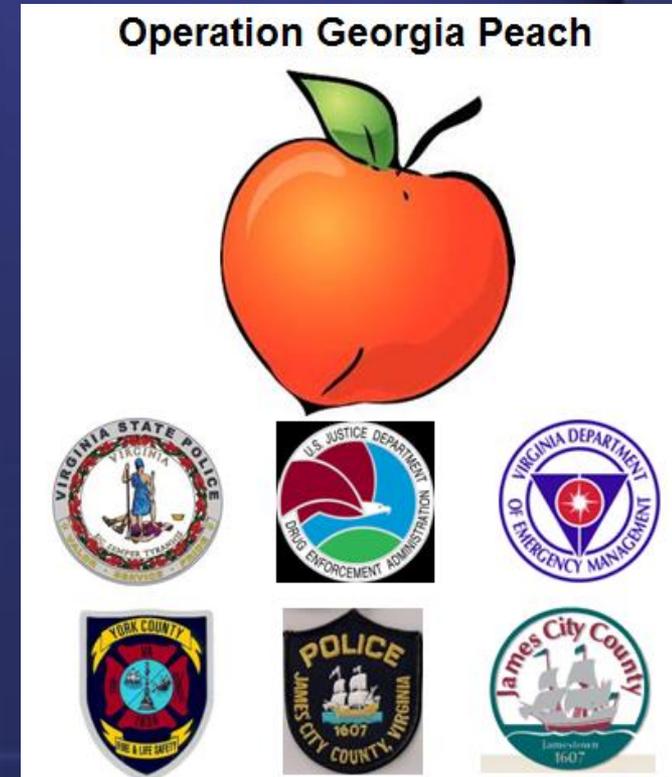


Recovery



Operation Georgia Peach December 2011

- December 15, 2011
- 6 month investigation
- James City & York County
- 5 suspected Red-P Meth Labs
- 1 Mobile Lab RP-Lab(ambulance)
- Police, Fire, EMS, Hazmat, DEA, SP
- Child Protective Services
- Animal Control
- 10 arrested



Locations in some cases were very close



Operation Georgia Peach – December 2011

- Multiple Swat Teams from the State Police, James City Police and York County Sheriffs department.
- 0900 planning meeting
- 0930 Mobile lab apprehended with Georgia fugitive.



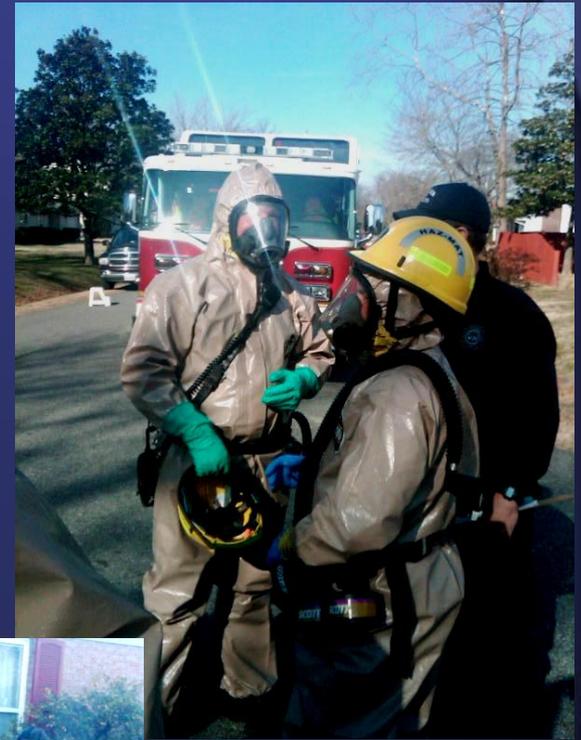
Operation Georgia Peach – December 2011

- 10:00 all teams advance to take labs and suspects.
- HM teams, Fire-Rescue move in immediately to support law enforcement operations.



Operation Georgia Peach December 2011

- York County & James City Fire/EMS provide Fire & EMS support.
- Newport News Hazmat and York County Hazmat Teams conduct hazard assessments following SWAT team activities.



Operation Georgia Peach – December 2011

- Law enforcement and DEA evidence collection and lab dismantling teams bring the lab contents out and take evidence samples.



Operation Georgia Peach – December 2011

- Chemicals were segregated into hazard classes and classified by VDEM Hazmat officers and HM team members in preparation for removal by contractors.



Lessons learned

- Inter-agency and locality planning is critical (Police, Fire-Rescue, State Agencies, DEA . . .
- Awareness Training needed.
- PPE for law enforcement : need for Nomex (Swat / ERT teams) due to fire potential.
- Refresher training needed on PPE for law enforcement.



Lessons learned

- Creative ways must now be used to assist localities with clean-up of Labs.
- Locality clean-up (RP Issues)
- EPA Funds (Case by Case)?
- Household hazardous waste programs are a big help



Household Chemical Collections 2011 Schedule of Events

Providing environmentally safe disposal to the residents of
Williamsburg, James City County, York County, Hampton and Poquoson.



All collections are open to any resident of the above communities; proof of residency may be required.

NO BUSINESSES PLEASE

	<u>Williamsburg/ James City County</u>	<u>York County</u>	<u>Hampton</u>	<u>Poquoson</u>
Location:	Lafayette High School 4460 Longhill Rd	County Drive, Yorktown (off Goodwin Neck Rd)	Public Works Operations Complex 419 N. Armistead Ave	Poquoson Swimming Pool Parking Lot Municipal Drive
Time:	8:00AM—12:00 Noon	8:00AM—12:00 Noon	8:00AM—12:00 Noon	8:00AM—12:00 Noon
Dates:	February 12, 2011 April 9, 2011 June 11, 2011 August 13, 2011 October 8, 2011	March 12, 2011 May 14, 2011 July 9, 2011 September 10, 2011 November 12, 2011	March 19, 2011 May 21, 2011 July 16, 2011 September 17, 2011 November 19, 2011	October 1, 2011

ALL EVENTS END PROMPTLY AT NOON!

WE WILL ACCEPT materials typically found in a home environment, including but not limited to the following:

- ▶ **Household Maintenance:** oil or latex paint, stains, solvents, glue, varnishes, adhesives
- ▶ **Automotives:** gasoline and other fuels, waxes, oil and gas mixtures, brake fluid, engine cleaner, tar remover
- ▶ **Lawn & Garden:** insecticides, weed killers, pesticides, fertilizers, pest strips
- ▶ **Household Cleaning:** oven cleaners, drain cleaners, floor waxes, metal polishes, bleach, degreasers, septic tank cleaners, toilet cleaners, jewelry cleaner
- ▶ **Miscellaneous:** charcoal fluids, dyes, kerosene, swimming pool chemicals, photo finishing chemicals, household batteries, chemistry sets, fluorescent light bulbs including compact fluorescents (CFLs)

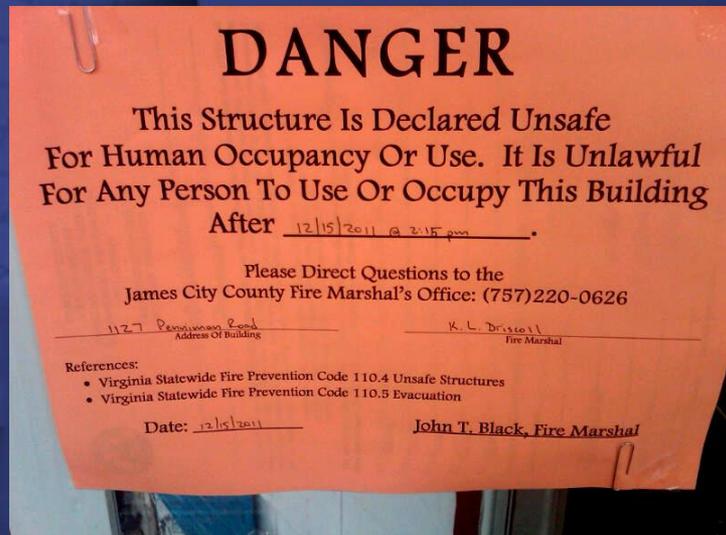
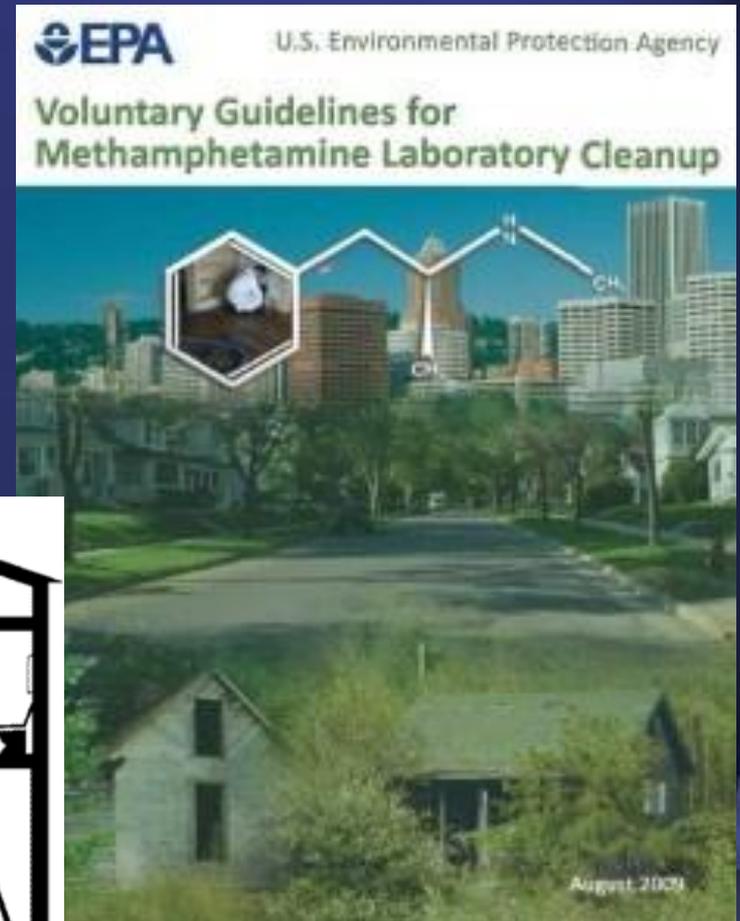
WE WILL **NOT** ACCEPT:

- X Explosives
- X Compressed Gas Cylinders
- X Ammunition or Gun Powder
- X Household Trash
- X Business or Medical Waste
- X Radioactive Products
- X Large quantities of unknown materials

If you have any questions, please call us at 757-259-9850
or go to our website at www.vppsa.org

Lessons learned

- Who decides what is clean?
(EPA guidance Document - Voluntary)
- House Bill 796
- Identify Labs/Companies who can do testing in your area.
- Placards



Lessons learned

- Developing an Incident Action Plan was a great help in ensuring our bases were covered, especially when looking at risk.
- Planning meetings.
- Electronic communication



Incident Action Plan Contents

Incident IAP Order

1. Cover
2. IAP Order (Contents)
3. 202 – Incident Objectives
4. Incident Location Sheet
5. Operations Notes
6. 203 – Organizational Assignment List
7. 205 – Communications Plan
8. 206 – Medical Plan
9. 207 - Organization Chart (ICS)
10. 211 - Check-in List
11. 214 - Unit (Hazmat, Fire, Medical, Law Enforcement)
12. 215 - Planning Worksheet
13. 215A - Safety Analysis
14. Safety Brief
15. Site Map(s)
16. VPPSA Info

Operation Georgia Peach



1. Incident Name	2. Date	3. Time	4. Site Safety Evaluator
Meth Lab – James City County	12/15/2011	9 AM	Todd Cannon

Clandestine Drug Lab Risk Analysis of Tactical Applications (Form 215A)

Personal Protective Equipment	Site Control	Mechanical Hazards	Contamination Control	Personnel accountability	Lifting & Moving	Evacuation	Electrical Hazards	Atmospheric hazards	Chemical Hazards	Mitigation Measures	Hydration/Fatigue	Exposures	Communications	NIMS	Medical	Fire	Security	Mitigation Measures
X										Swat Team Entry – Nomex jump suit, Boots, Gloves (double). APRs. Note: do not touch chemicals! Use MultiRae (Alarm)	X							Monitor fatigue. Develop rehab cycles.
	X									Establish perimeter control as well as (Hot, Warm, Cold Zone) Use tape as needed		X						Evaluate human and physical exposures
			X							Establish Decontamination area/corridor in the warm zone. Staff with decon personnel for Stage 2 decon			X					Establish radio channels and in suit COM

Thank You

