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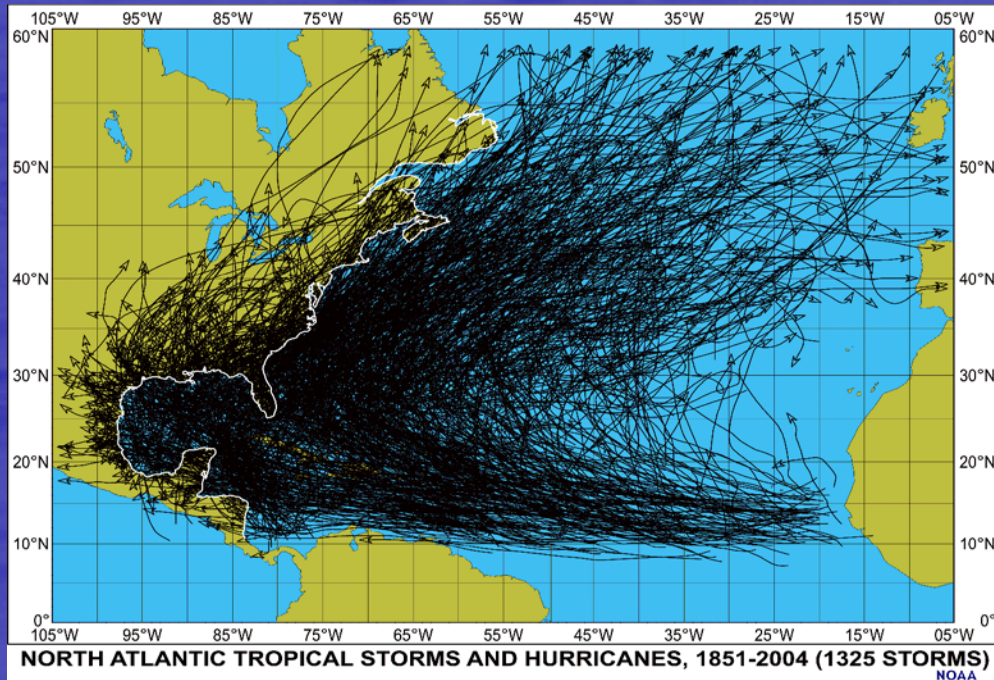
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June 3, 2011 Issues

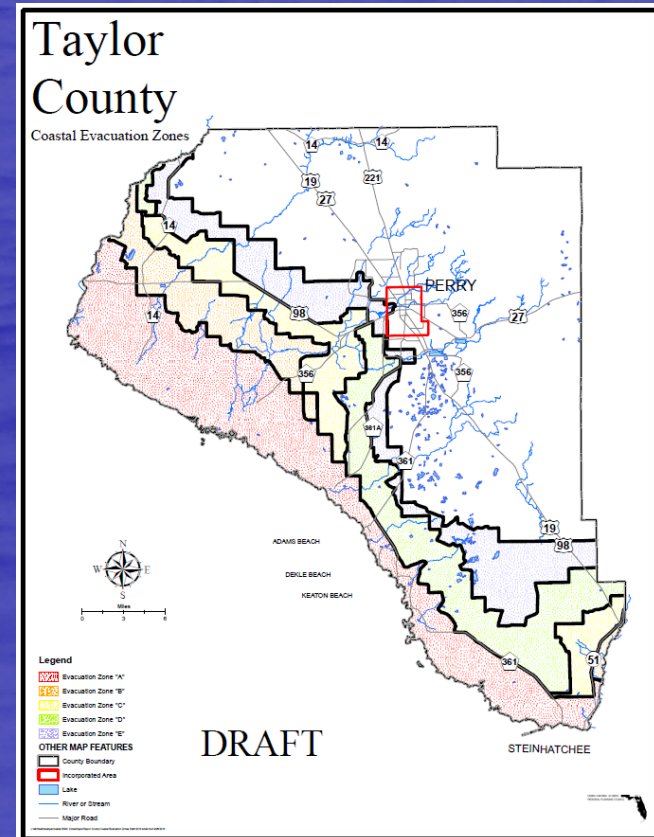
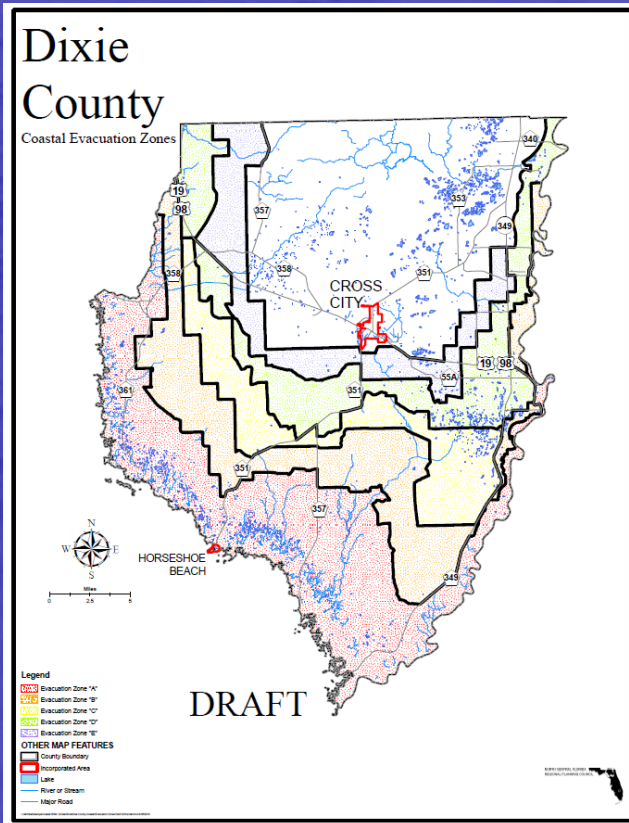
1. Regional Evacuation Study
2. Hazardous Waste Enforcement
3. Current Issues in Hazardous Materials Emergency Response

1. Regional Evacuation Study (All Done...)



	Cat.	low	high
Dixie	1	5.3	10.6
	2	8.2	17.4
	3	18	23.6
	4	22.6	29.3
	5	26.9	34.2
	Cat.	low	high
Taylor	1	8.9	11.1
	2	15.6	19.5
	3	21.6	27.7
	4	26.9	33.5
	5	31.2	38.5

Evacuation Zone Maps



Scheduled Updates

- Training Program
 - More Transportation Interface for Modeling Evacuations (TIME) training
 - Updated version of Hurricane Evacuation and Re-Entry class which uses SRESP structure for the course material and examples. First offering in Vero Beach June 20-22.
- The next first from the SRES Depth Atlases
 - Shows the range of possibilities for the new study
 - Allow for estimates of hazard analysis by depth
 - Based on Maximum of Maximums (MOM) for the entire region SLOSH data

Modeling Depth

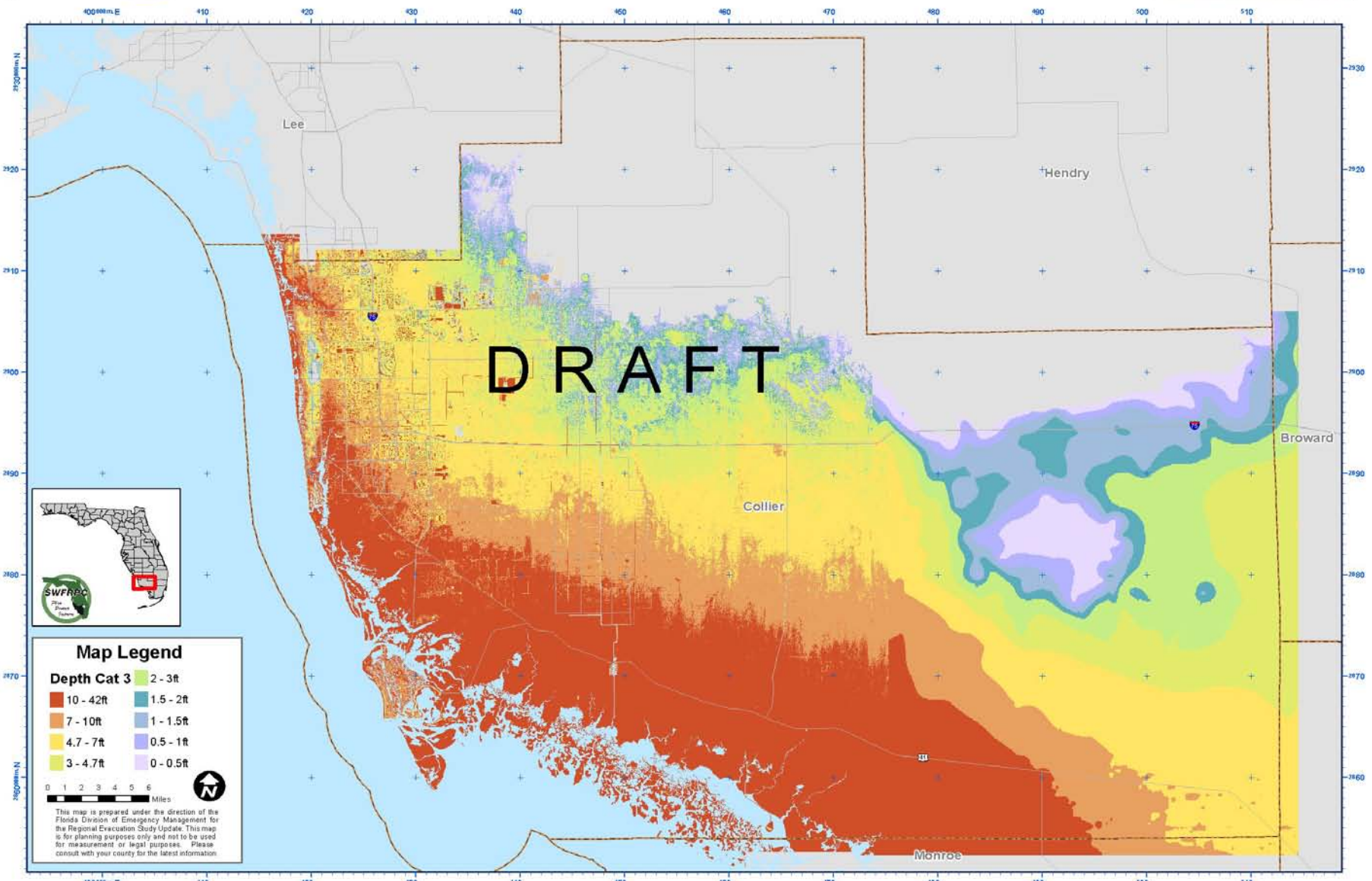
- The next first from the SRESP Depth Atlases
- Shows the range of possibilities for the new study
- Allow for estimates of hazard analysis by depth
- Based on MOM for the entire region SLOSH data
- The next step toward "scenario based decision making"



Collier County

Storm Surge Depth Analysis

Category 3 Flood Depth



Desired Improvements

- Directional Storm Atlases
 - The next step toward "scenario based decision making"
 - NEEDED in some areas to improve planning
- Incorporating New Census Data
- More Scenarios
- More training
- Updates to TIME
- Florida Planning and Zoning Award for Best Study

2. Hazardous Waste Compliance



Florida Department of Environmental Protection Enforcement Priority

- Busy with Enforcement!
- Used Oil Storage
- Dry Cleaners



Used Oil Prohibitions



- May not pour or spill used oil onto soil, waterways, storm drains, etc.
- May not mix used oil with solid waste.
- May not use used oil for road oiling or weed control.

Used Oil Management

- Used oil must be managed in tanks or containers that are:
 - Not leaking



Used Oil Management

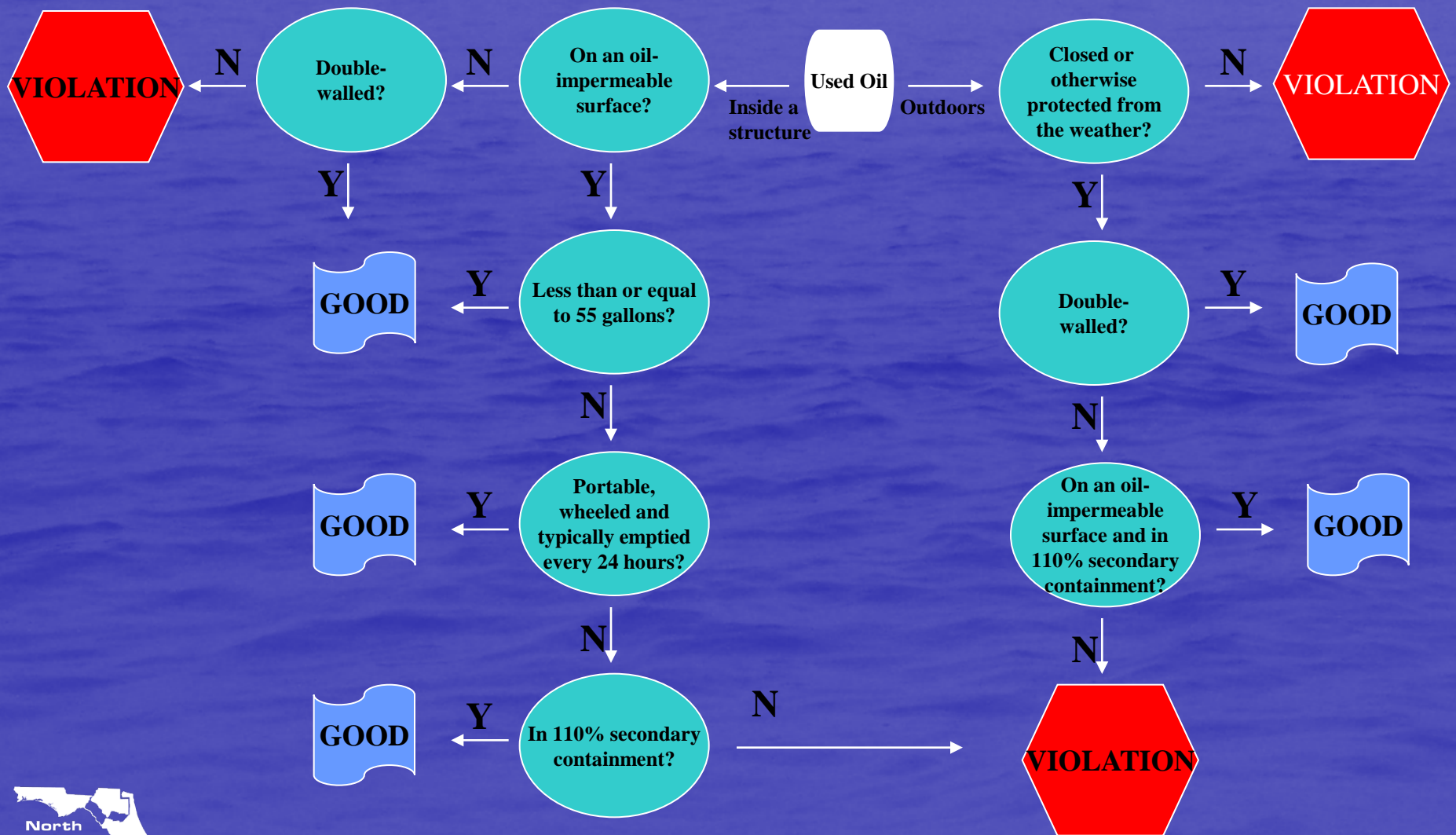
- Used oil must be managed in tanks or containers that are:
 - Labeled "Used Oil"



Enforcement Actions Taken By FDEP



62-710.401(6) Used Oil Guidance Flowchart



New Potential Violations and Areas of Concern:

Checklist Independent Potential Violations and Areas of Concern

Type:	Violation
Rule:	273.13(d)(1)
Explanation:	Spent fluorescent tubes were not in closed, properly labeled boxes.
Corrective Action:	In order to return to compliance, the facility should contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage, or damage that could cause leakage under reasonably foreseeable conditions. Containers should be labeled with one of the following phrases: "Universal Waste Lamps(s)," "Waste Lamp(s)," or "Used Lamp(s)."

Attachments:

Spent fluorescent tubes



Spent fluorescent tubes



Type: Violation

Rule: 62-710.401(6)

Explanation: The facility's used oil tank is not double walled or located within secondary containment.

Corrective Action: No further action is required. The facility constructed a 350-gallon secondary containment structure around the used oil tank. The structure is in a photograph in an email dated May 23, 2011.

Attachments:

Used oil tank



Type: Violation

Rule: 261.5(g)(3)

Explanation: 1). The facility improperly disposed of F005 hazardous waste rags by throwing them into the trash.

2). The facility's drum of D001/D018/D035/D039/F003/F005 hazardous waste paint was open, allowing the solvent to evaporate.

Corrective Action: 1). In order to return to compliance, the facility should handle rags contaminated with Autoguard Brake Cleaner as F005 hazardous waste, use laundered shop rags that are cleaned through a linen service, or use a solvent that is non-hazardous on a rag.

2). No further action is required. The facility is in compliance per a May 23, 2011 email.

Open drum of waste paint



3. Current Issues in Hazardous Materials Emergency Response

Hazardous Materials Response Issues

- Federal funds no longer pay for clandestine drug lab clean up or disposal.
- In Service: Suwannee County Response Trailer with Trained Technicians and Gilchrist County Decontamination Trailer

Free Hazmat Training for First Responders

- Awareness (4 hr)
- Operations (24 hr)
- Technician (160 hr)
- Incident Commander (Operations +24 hr)
- HazMedic (24 hr)



Thank You.
Any Questions?

