

John Giese



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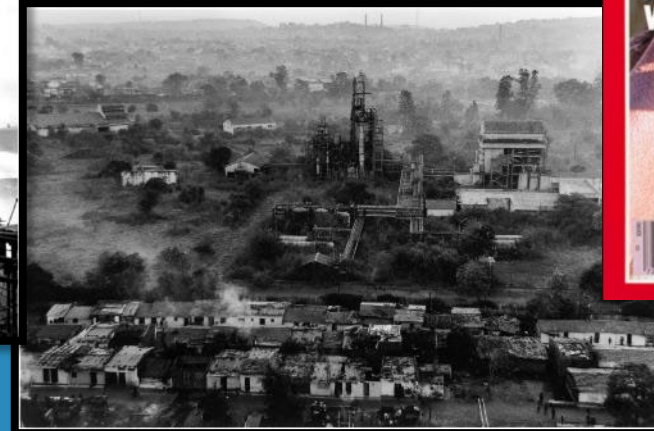
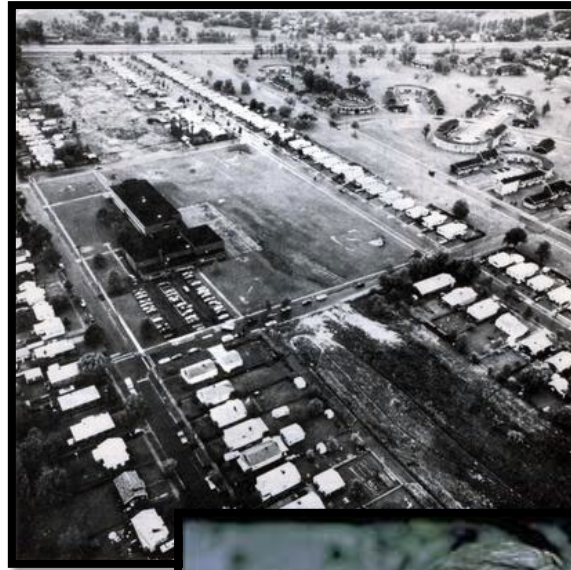
Then...



Now...



From Disasters...



...Come Environmental Statutes/Regulations



Oil Tanker Torrey Canyon → **National Contingency Plan (1968)**



Cuyahoga River Fire → **Clean Water Act (1972)**



Love Canal → **Comprehensive Environmental Response, Compensation and Liability Act or CERCLA (1980)**



Bhopal India → **Emergency Planning and Community Right-to-Know Act or EPCRA (1986)**



Exxon Valdez → **Oil Pollution Act of 1990 (OPA 90)**



Elk River → **America's Water Infrastructure Act amendment to EPCRA (2018)**

National Contingency Plan, Clean Water Act & OPA 90

- “Blue Print” for oil and hazardous substance incidents (see CERCLA)
- Roles & responsibilities: Federal / State / Locals / Responsible Party
- Plans & Planning Entities
- Exercises
- Priorities
- Phases of a response



Comprehensive Environmental Response, Compensation and Liability Act

- Established prohibitions and requirements for closed and abandoned hazardous waste sites
- Established liability of responsible parties
- Established the 'Superfund'
- Provided for removals
 - short term
 - long term



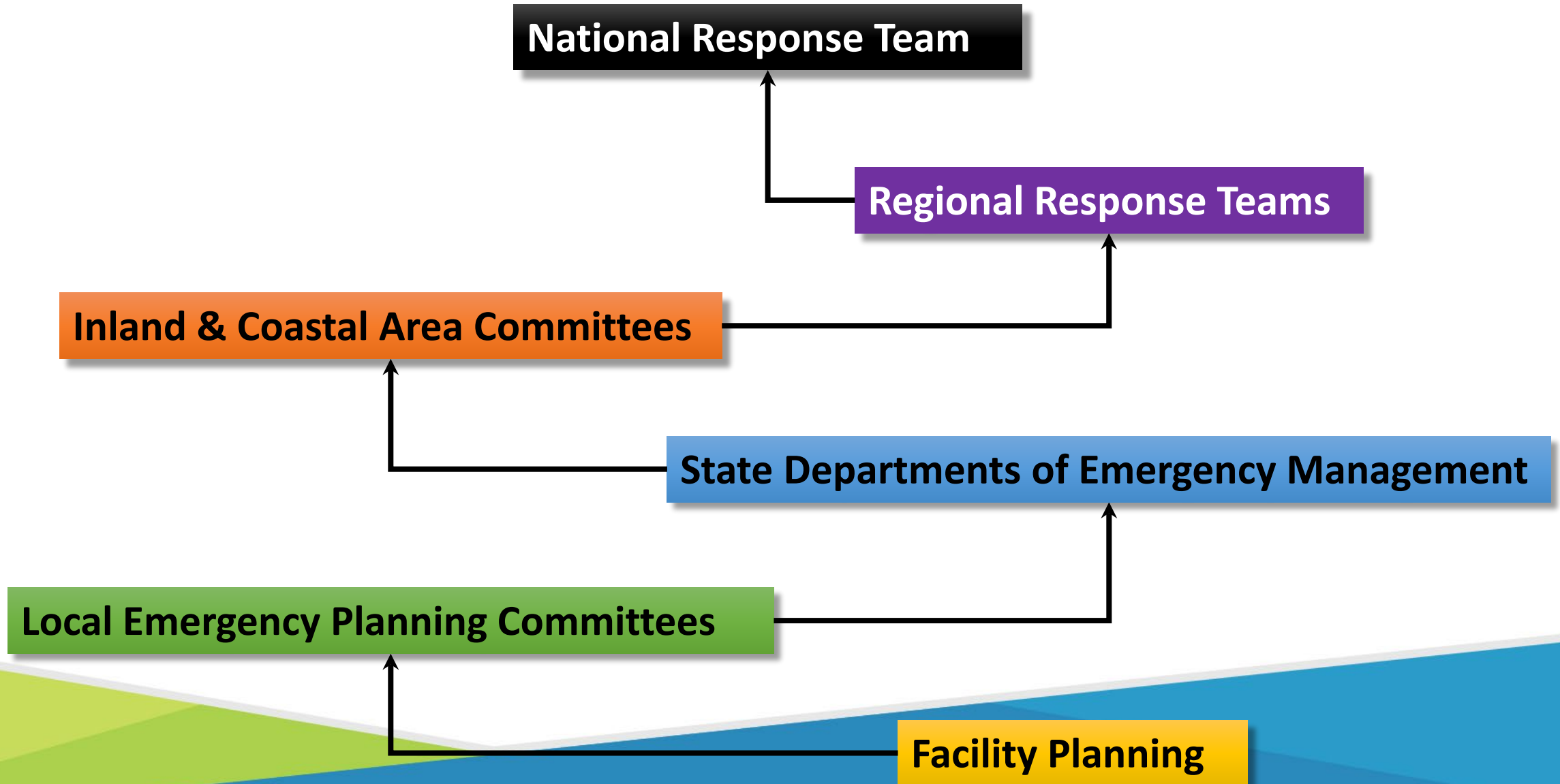
Emergency Planning and Community Right-to-Know Act (EPCRA)

- Emergency Planning
- Emergency Notification
- Community Right-to-Know
- American Water Infrastructure Act (EPCRA Amendment)

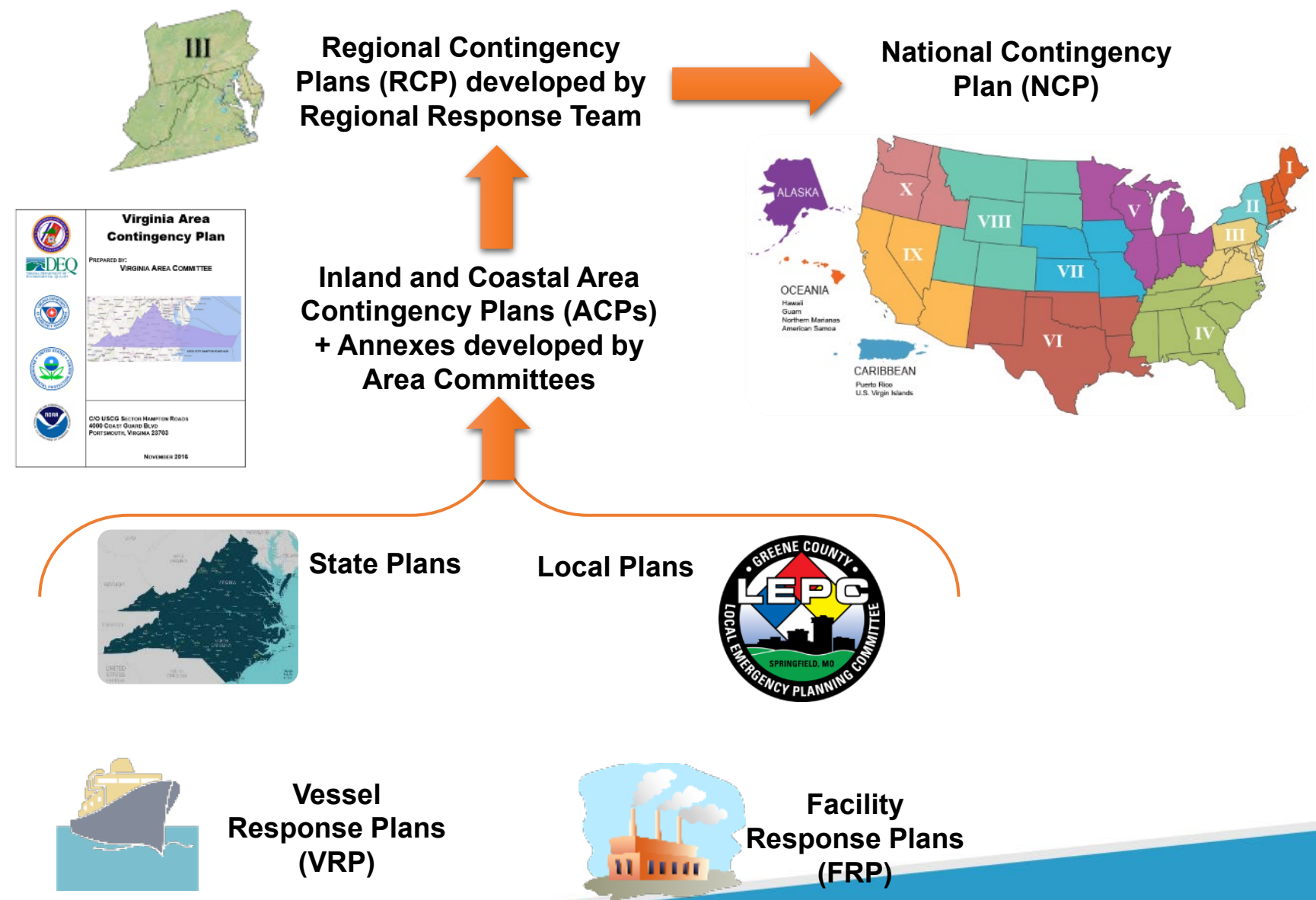


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Planning Entities



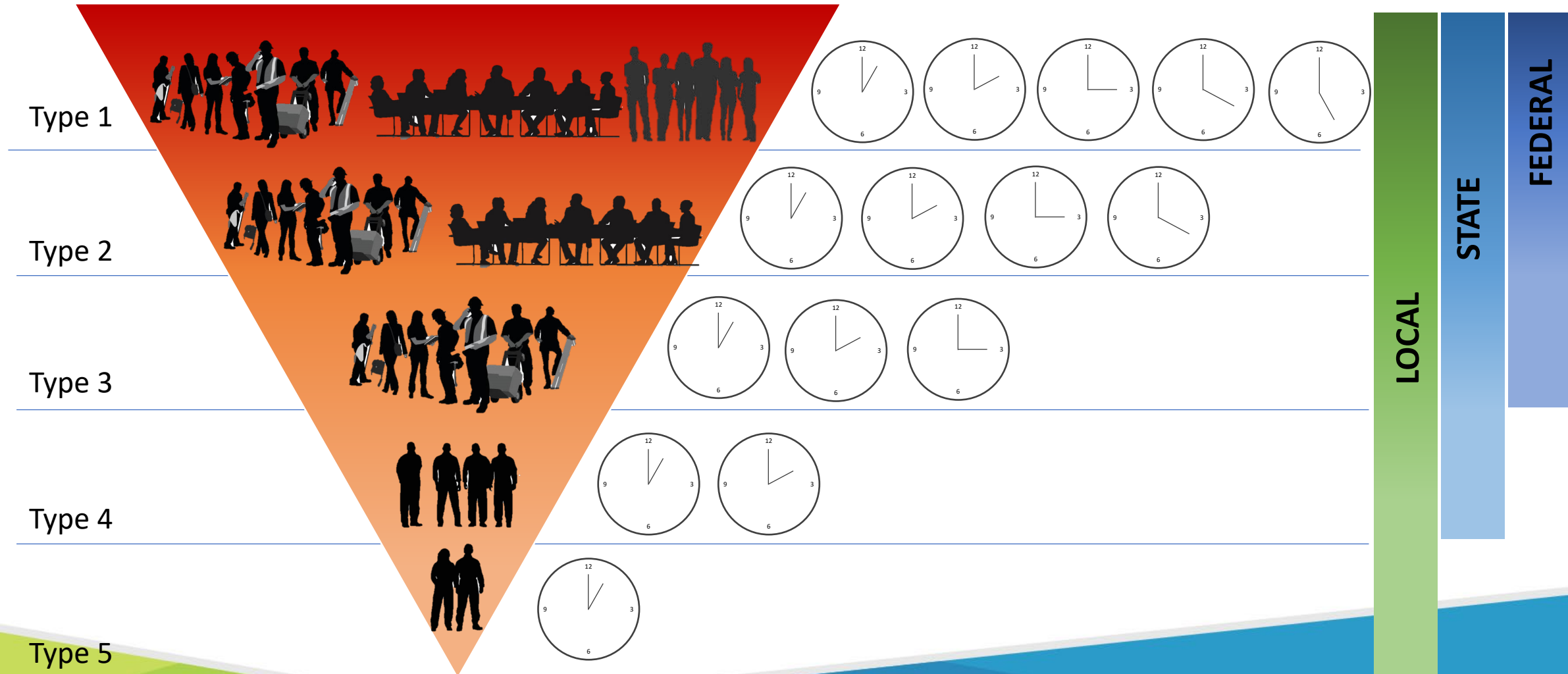
The Plans



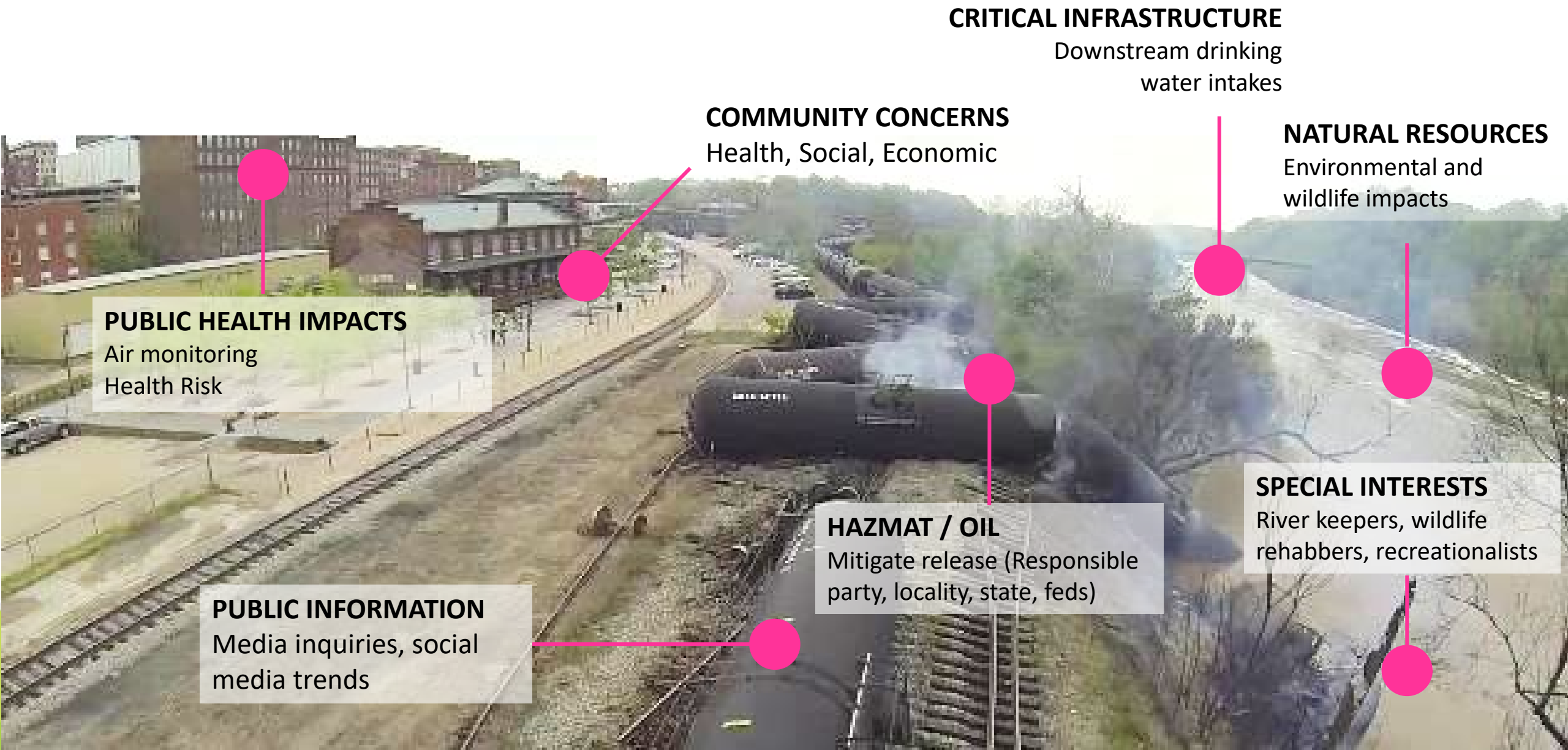
Stafford Act Response vs NCP Response

Stafford Act	NCP
<u>Lead agency:</u> FEMA	<u>Lead agency:</u> EPA or USCG <ul style="list-style-type: none"> DOE and DOD also have OSC emergency response authority for their CERCLA incidents
Request for federal support <u>must</u> be made by state (Governor) or tribe (Chief Executive) <ul style="list-style-type: none"> Except for certain emergencies involving primary federal responsibility 	Federal gov't makes independent evaluation of need for federal response. <ul style="list-style-type: none"> State or tribal requests for help do not have to come from Governor/Chief Executive level.
Federal role is to support states/tribes	Federal government <u>may</u> , and in some cases <u>must</u> , lead the response. <ul style="list-style-type: none"> Federal government has on-scene, tactical command authority
N/A	Federal government has enforcement authorities over responsible parties.
State cost share <u>may</u> be required	No state cost share for emergency responses
Broad scope of federal assistance	Scope of federal response as defined in CERCLA and CWA/OPA – may not be as broad as Stafford Act

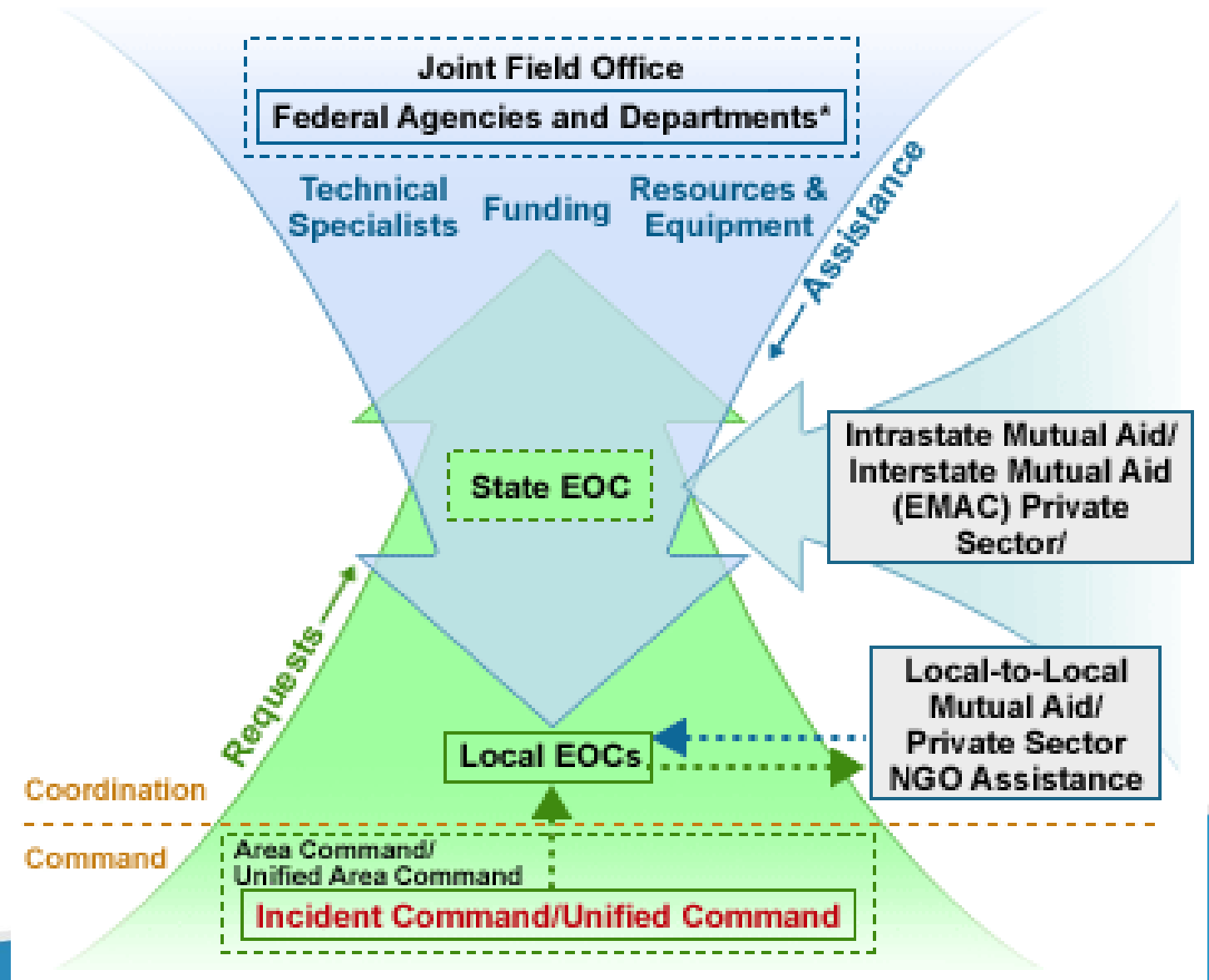
Response & Incident Management



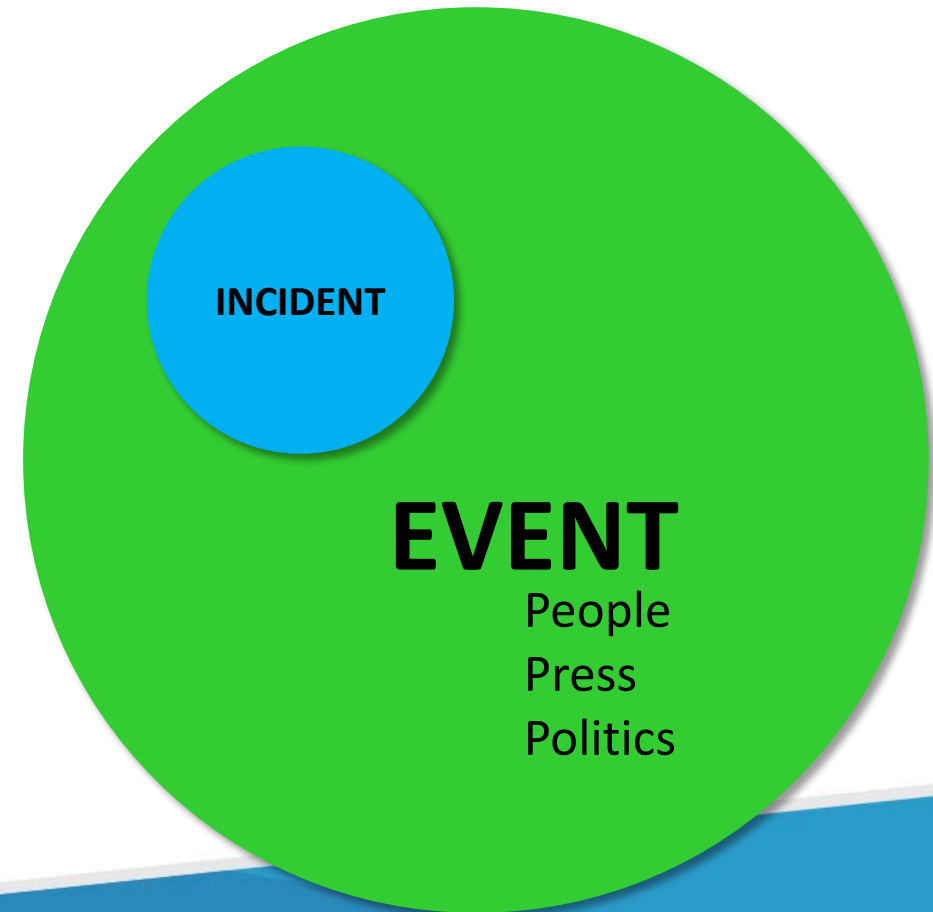
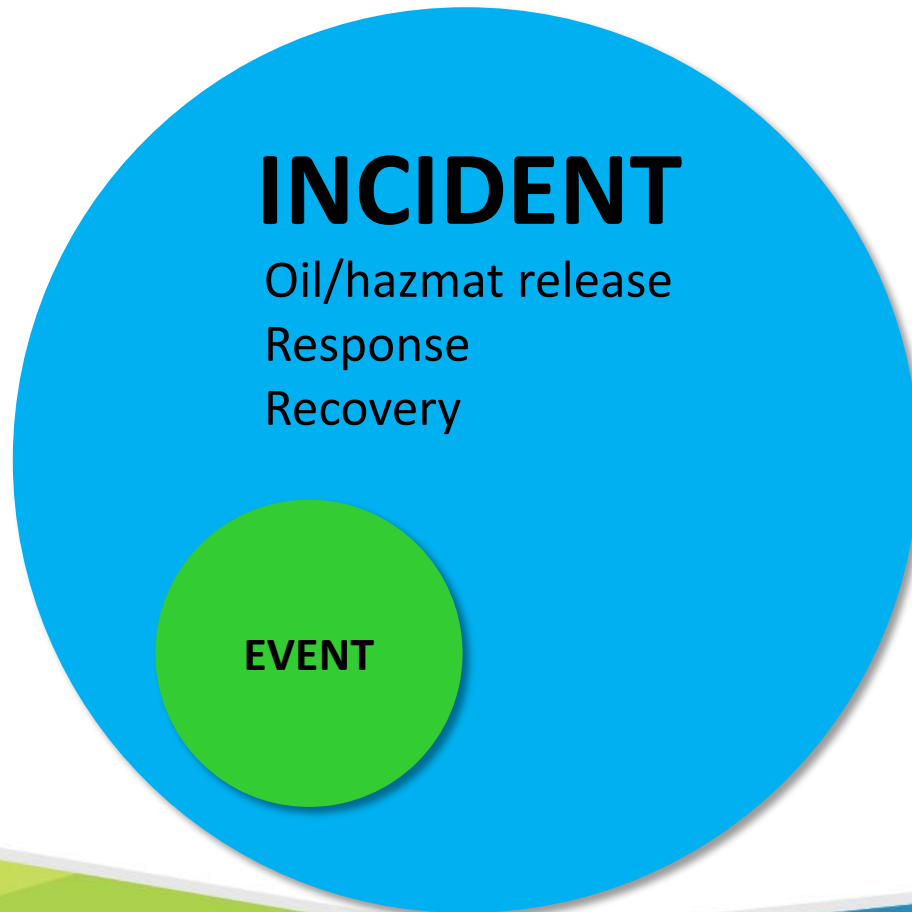
Incident Management



Resource Requests




Incident Management vs Event Management



Community Engagement



Public Information



Permits & RegulationsAirWaterLand & WasteCoastsGet Involved

TOPICS OF INTEREST

Bristol Landfill

Dan River Coal Ash Spill

Green Ridge Landfill

Mountain Valley Pipeline

Radford Army Ammunition Plant

Tidewater Air Monitoring Evaluation Project

Tinker Creek Fish Kill

Volkswagen Settlement Agreement

CLIMATE

HB206-STAKEHOLDER GROUP

ENVIRONMENTAL JUSTICE

+ POLLUTION PREVENTION

POLLUTION RESPONSE

DISASTER PREPAREDNESS

+ THE ENVIRONMENT & YOU

ENVIRONMENTAL SCIENCE FOR YOUTH

+ ABOUT US

Knitting Mill Creek Sewage Discharge

Font Size: + - + Share & Bookmark Feedback Print

Incident Summary

On August 31, DEQ received a report from Tidewater Wildlife Rescue about multiple deceased waterfowl in Knitting Mill Creek. DEQ immediately notified the Virginia Department of Wildlife Resources (DWR), the U.S. Fish & Wildlife Service, the Virginia Department of Health Office of Waterborne Hazards and the Norfolk Department of Public Health. The Norfolk Department of Public Health, the Norfolk HAZMAT Team, and the City of Norfolk responded to investigate. No apparent cause for the bird deaths was identified.

On September 1, Norfolk Utilities Department responded to multiple reports of alleged sewage in Knitting Mill Creek. City staff discovered a sewage discharge from privately-owned sanitary sewer equipment belonging to Mack's Barge restaurant. The City of Norfolk notified DEQ and the Norfolk Department of Public Health. The City also issued a notice of violation to Mack's Barge. Mack's Barge immediately hired a plumber to make necessary repairs to their sewage system. Mack's Barge also cleaned up sewage contaminated soil.

On September 2, the Norfolk Department of Public Health and the City of Norfolk Public Works conducted a site visit to confirm no further sewage discharge was occurring.

On September 6, the Norfolk Department of Public Health, the City of Norfolk Public Works and DEQ conducted a site visit to confirm no further sewage discharge was occurring. DWR collected the preserved deceased birds from Tidewater Wildlife Rescue. DWR shipped the birds to Southeastern Cooperative

Submit Information & Questions

Report new sewage discharges to:

City of Norfolk at 757-823-1000
DEQ at:
<https://portal.deq.virginia.gov/v2/prep/createReport>

Report sick or injured wildlife to DWR at:
<https://dwr.virginia.gov/wildlife/diseases/>

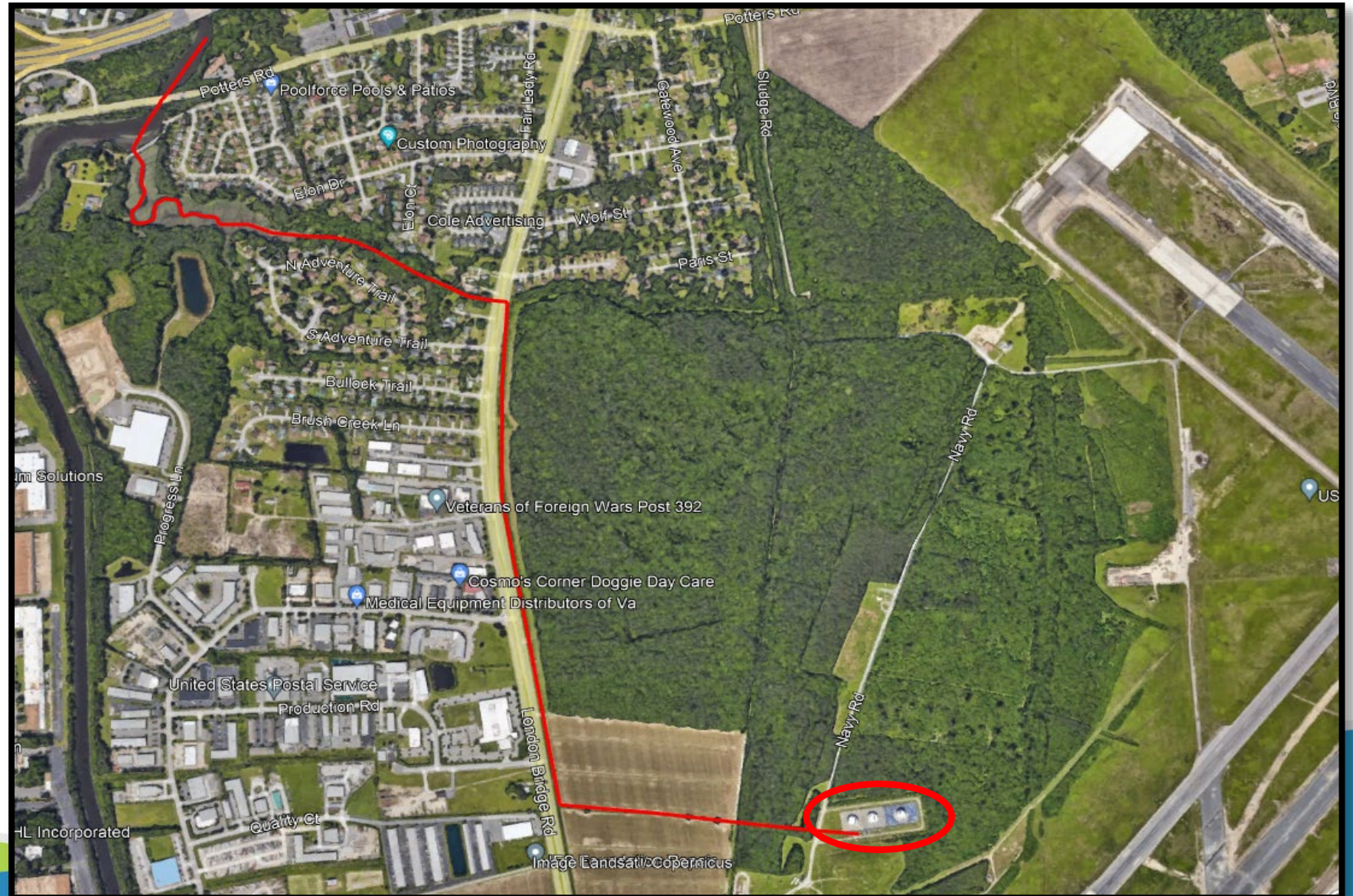
For questions concerning the Health Advisory contact:
Norfolk Department of Public Health at: (757) 683-2712

For questions concerning DEQ's investigation of the sewage discharge contact:
troprep@deq.virginia.gov

Illicit Dumping



Oceana Jet Fuel Spill



Oceana Jet Fuel Spill (cont 1)



Oceana Jet Fuel Spill (cont 2)



Oceana Jet Fuel Spill (cont 3)



Oceana Jet Fuel Spill (cont 4)



Oceana Jet Fuel Spill (cont 5)

