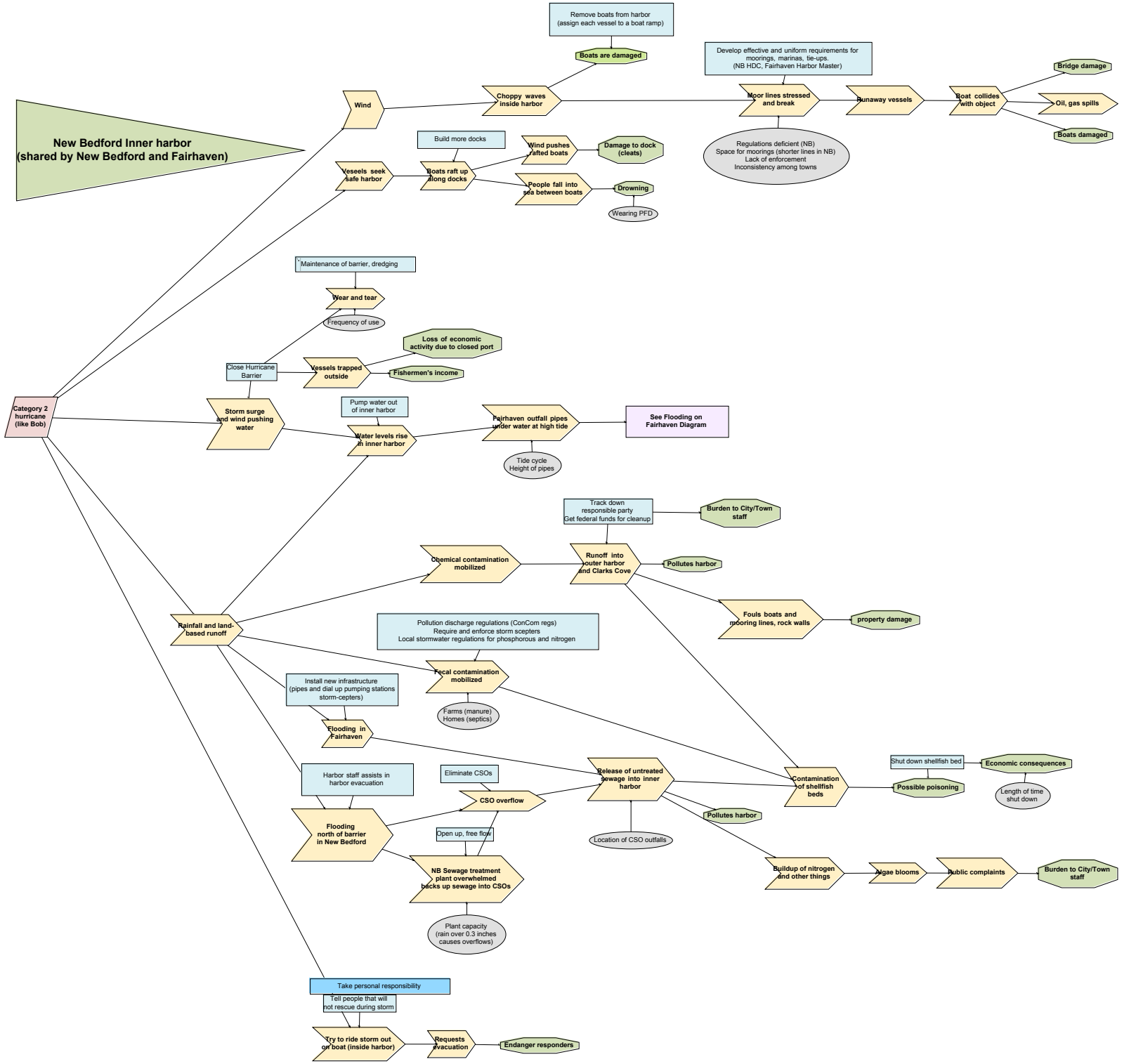
New Bedford Inner harbor
(shared by New Bedford and Fairhaven)
Category 2 hurricane (like Bob)
Wind
Choppy waves inside harbor
Remove boats from harbor
(assign each vessel to a boat ramp)
Boats are damaged
Develop effective and uniform requirements for moorings, marinas, tie-ups.
(NB HDC, Fairhaven Harbor Master)
Moor lines stressed and break
Runaway vessels
Boat collides with object
Bridge damage
Oil, gas spills
Boats damaged
Regulations deficient (NB)
Space for moorings (shorter lines in NB)
Lack of enforcement
Inconsistency among towns
Veseels seek safe harbor
Build more docks
Boats raft up along docks
Wind pushes rafted boats
Damage to dock (cleats)
People fall into sea between boats
Drowning
Wearing PFD
Maintenance of barrier, dredging
Wear and tear
Frequency of use
Close Hurricane Barrier
Vessels trapped outside
Loss of economic activity due to closed port
Fishermen's income
Storm surge and wind pushing water
Pump water out of inner harbor
Water levels rise in inner harbor
Fairhaven outfall pipes under water at high tide
See Flooding on Fairhaven Diagram
Tide cycle
Height of pipes
Track down responsible party
Get federal funds for cleanup
Burden to City/Town staff
Chemical contamination mobilized
Runoff into outer harbor and Clarks Cove
Pollutes harbor
Fouls boats and mooring lines, rock walls
property damage
Rainfall and land-based runoff
Pollution discharge regulations (ConCom regs)
Require and enforce storm scepters
Local stormwater regulations for phosphorous and nitrogen
Fecal contamination mobilized
Farms (manure)
Homes (septics)
Install new infrastructure
(pipes and dial up pumping stations storm-cepters)
Flooding in Fairhaven
Harbor staff assists in harbor evacuation
Eliminate CSOs
CSO overflow
Release of untreated sewage into inner harbor
Contamination of shellfish beds
Shut down shellfish bed
Economic consequences
Possible poisoning
Length of time shut down
Pollutes harbor
Location of CSO outfalls
Flooding north of barrier in New Bedford
Open up, free flow
NB Sewage treatment plant overwhelmed backs up sewage into CSOs
Plant capacity
(rain over 0.3 inches causes overflows)
Buildup of nitrogen and other things
Algae blooms
Public complaints
Burden to City/Town staff
Take personal responsibility
Tell people that will not rescue during storm
Try to ride storm out on boat (inside harbor)
Requests evacuation
Endanger responders