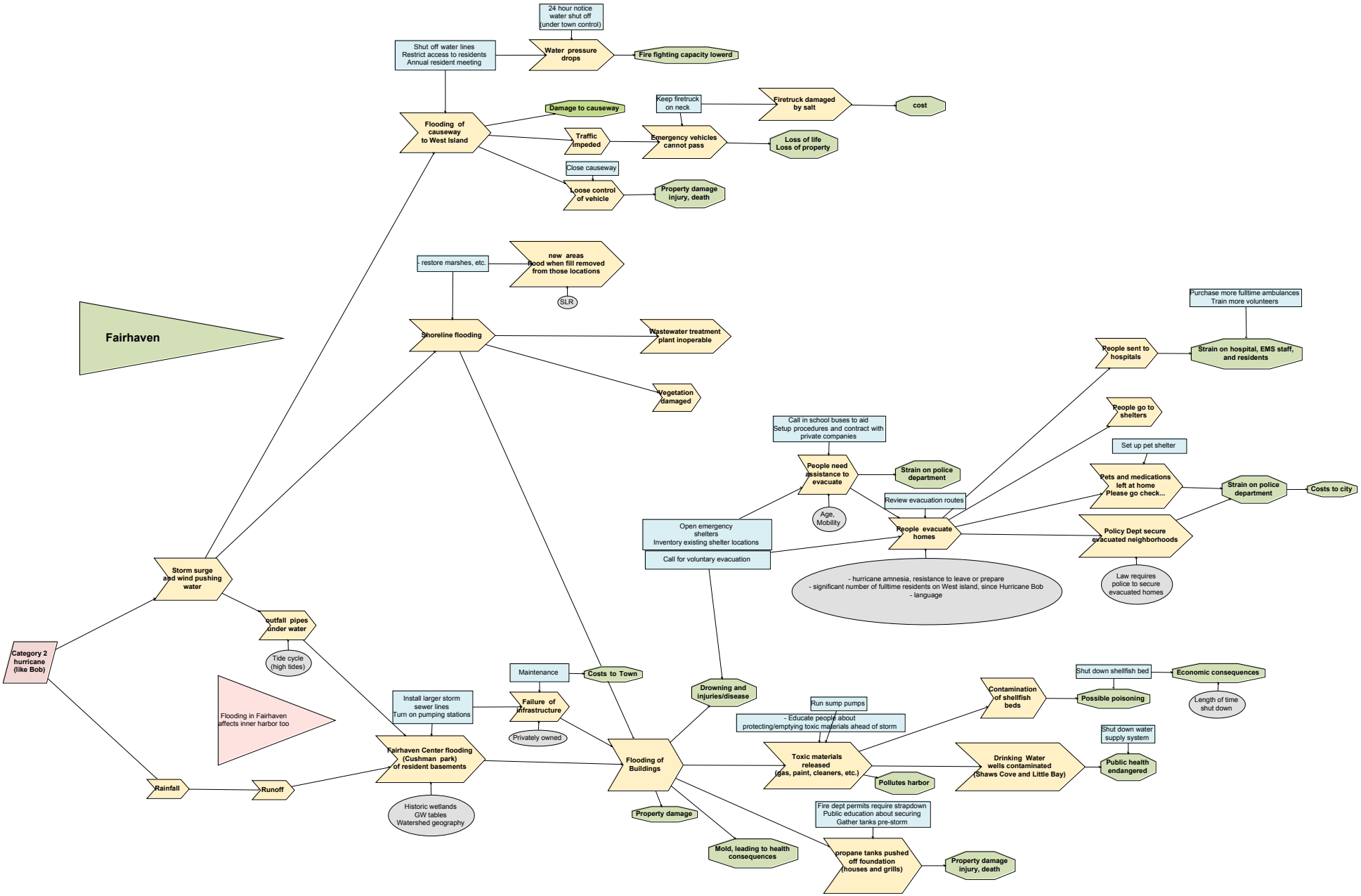
Fairhaven
Category 2 hurricane (like Bob)
Storm surge and wind pushing water
Rainfall
Runoff
outfall pipes under water
Tide cycle (high tides)
Flooding in Fairhaven affects inner harbor too
Shut off water lines
Restrict access to residents
Annual resident meeting
24 hour notice water shut off (under town control)
Water pressure drops
Fire fighting capacity lowerd
Flooding of causeway to West Island
Damage to causeway
Traffic impeded
Keep firetruck on neck
Firetruck damaged by salt
cost
Emergency vehicles cannot pass
Loss of life
Loss of property
Close causeway
Loose control of vehicle
Property damage injury, death
- restore marshes, etc.
new areas flood when fill removed from those locations
SLR
Shoreline flooding
Wastewater treatment plant inoperable
Vegetation damaged
Purchase more fulltime ambulances
Train more volunteers
People sent to hospitals
Strain on hospital, EMS staff, and residents
People go to shelters
Set up pet shelter
Call in school buses to aid
Setup procedures and contract with private companies
People need assistance to evacuate
Strain on police department
Pets and medications left at home
Please go check...
Strain on police department
Costs to city
Review evacuation routes
Age, Mobility
Open emergency shelters
Inventory existing shelter locations
People evacuate homes
Policy Dept secure evacuated neighborhoods
Call for voluntary evacuation
- hurricane amnesia, resistance to leave or prepare
- significant number of fulltime residents on West island, since Hurricane Bob
- language
Law requires police to secure evacuated homes
Maintenance
Costs to Town
Install larger storm sewer lines
Turn on pumping stations
Failure of infrastructure
Privately owned
Fairhaven Center flooding (Cushman park) of resident basements
Historic wetlands
GW tables
Watershed geography
Flooding of Buildings
Drowning and injuries/disease
Run sump pumps
- Educate people about protecting/emptying toxic materials ahead of storm
Toxic materials released (gas, paint, cleaners, etc.)
Pollutes harbor
Contamination of shellfish beds
Shut down shellfish bed
Economic consequences
Possible poisoning
Length of time shut down
Drinking Water wells contaminated (Shaws Cove and Little Bay)
Shut down water supply system
Public health endangered
Property damage
Mold, leading to health consequences
Fire dept permits require strapdown
Public education about securing
Gather tanks pre-storm
propane tanks pushed off foundation (houses and grills)
Property damage injury, death