

PROTECTION ISLAND NEIGHBOURHOOD EMERGENCY WORKSHOP

January 19, 2019, Beacon House

Website Information - For Additional Online Comments

Protection Island Lions - www.pi-lions.org/bhemerg

PINA - www.protectionisland.org

Safety

- Clear communication about downed lines and blocked roads/paths (nb where are they?)
- Priority for a communications center
- Nothing posted at the top of the stairs when going to the ferry –you came to yellow tape not to go through – would not have gone that way if I had known before going down the stairs.
- Speak to safety issues with generators IE danger of carbon monoxide poisoning
- Clear on personal responsibilities – Who to call for help? When to call?
- Need for “portable tents” for “Command Centre” or “Info Centre” at key locations
- Need for up-to-date fire extinguishers in homes – related to use of alternate heat sources
- Need for carbon monoxide detectors in homes related to use of alternative heat/cooking sources
- Where do you put your emergency supplies (i.e. Brexit Box)? - in a major event you don't need it in the rubble of your house

Additional Comments

- Need an “air raid” siren for PI or the harbor to warn of tsunamis
- Security Check of premises during emergency
- Clarify evacuation points/process
- Practice drills on evacuation
- Animals being looked after etc.
- Prepare ‘go to’ bag – medications, cash etc.
- Create an accommodation registry of homes that have heat, cooking and spare accommodations for those who cannot manage in a prolonged hydro outage
- ‘Buddy’ with a neighbor to make sure everyone is safe
- Tsunami /Earthquake – specific high ground meeting place
- Forest fire plan needed. Lots of wood on ground, low hanging branches in green spaces. Think of what happened in California this year
- Need system to review plans every year and update
- ID houses with woodstoves and propane cooking that can take in neighbours.
- Need to ID gas supply for generators
- Climate Change and our green spaces – what species of trees are doomed? – what species should we replant?
- Activate bell in cupola at Firehall

- Kudos to Lions Club for barging water to island
- Food Boxes (freeze-dried)

Medical / Health

- Emergency Preparedness Kits in homes?
- Identify individuals with medical training- nurses etc. to volunteer
- Back up plan if injured or seriously sick folks cannot be evacuated
- Where would folks be triaged if multiple injuries? Firehall? Beacon House?
- Keep an updated list of people on island who have a serious medical condition/ are hydro dependent (oxygen...), Live alone or have recently become disabled (breaks)
- Extra medication?
- Pub was contacted 10 yrs. ago to be a floating hospital in event of earthquake and agreed- should be followed up.
- Checking in at each home to check for injuries – maybe ‘teams’
- Mental health – Coffee and chat at Firehall (kudos)
- Special attention to residents who isolate themselves and may be estranged from family.

Access/Transportation

- Plan alternatives to the ferry
- Volunteers for transportation on island and to town
- Contact RCMSAR to be first marine help
- Access of emergency vehicles to rest of island (i.e. blocked roads)
- How do you contact someone to identify needs – coloured flags?
- Future ‘winter storms’ with deep snow possible – should we have one snow plow that can be attached to 4x4 truck?
- Station for charging golf carts (electric)

Water/Sewer

- Septic system seminar
- Need for islanders to know how to pump their pumping tanks
- Generators for power outage sharing?
- Know location of household water shut off valve
- Keep a few large containers of fresh water at hand
- Hold water collection seminar – i.e. RDN offers rebates
- Water shutoff at the street – who has keys?
- Emergency Water – at least 5 gallons
- Have a rainwater barrel for washing etc.
- Build universal outhouses for residents

- Seminar/lesson 'How the water system Works'; 'How & where to Shut off at street valve- Key'; 'How the sewer system Works'
- Identify and assess the manual pumps and wells on the island
- For 110 pumps – wire in a plug so pump can run on generator/ extension cord
- Knowledge of how to electrically connect pump to generator
- Water purification systems (knowledge about and access in community)
- Confusing information about how our systems work (and they are not all the same) – need consistent and accurate information.
- Keep extra 4L bottles of distilled water for golf cart battery refill, but useful in emergency, swap new bottle in for used.

OTHER INFORMATION

Information provided on Super Tanker 275 Gallon storage tank by Ken Pepperdine (attached)

Website provided for Total Prepare Canada Inc <https://totalprepare.ca>

Information provided on Crown Berkey Water Purifier by Ken Pepperdine (attached)

Website provided for Conscious Water <https://www.consciouswater.ca>

Total Prepare Canada Inc. |

Contact   

 1-888-832-1733 - Local 778-265-5331

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Super Tanker 275 Gallon

\$574.95



<https://totalprepare.ca/product/super-tanker-275-gallon/>

1/19/2019



Crown Berkey Water Purifier and Options

Like 2 Share

★★★★★ (6 customer reviews)

From: \$31 to \$489



- 0 Crown Berkey Water Purifier with 2 Black Berkey Elements \$489.00 Only 9 left in stock
- 0 Black Berkey Purification Elements (set of 2) \$163.00 In stock
- 0 Berkey PF-2 Fluoride Reduction Elements (set of 2) \$82.00 In stock
- 0 Naturally Alkalizing Mineral Stones \$39.00 In stock
- 0 Sight Glass Spigot for Crown Berkey \$71.00 Only 12 left in stock
- 0 Stainless Steel Spigot \$31.00 In stock

*6,000 GAL
22.7 L UP TO 100 PEOPLE*

<https://www.consciouswater.ca/store/crown-berkey-water-purifi...> 1/19/2019

Electrical

- Seminar for generator maintenance
- Sharing of Gensets for freezer/fridge, maintenance – sewer pumps?
- Safety for downed lines? - Aside from hydro, how and who do we alert for the islands, what are the safety rules for downed lines
- Best alternative if no wood stove or propane?
- Proper installation of generators
- Transfer switches for pumps
- Workshop on solar (water, panels etc.)
- Setup communal charging station
- Pigtail outlet off septic box to plug in generator
- 12V cigarette lighter adapters to power electronics
- High power community genset on wheels with long cord

Communications

- Establish contact list for emergencies IE John Racine, Jase
- Establish word-of-mouth communication protocol
- Check-in with neighbours
- Central source of information? Keith radio station?
- Who checks with all residents to ensure no one is missed – central list?
- ID place to recharge cell phones (they had a charging station but if you didn't have a smart phone you wouldn't know)
- Put solar/windup radio at Station 7 & Beacon House
- Use notice boards!
- Youth 'wardens/runners' to go door to door with info or check on wellbeing of residents
- Who is coordinating everything?
- Phone tree – this only worked if you had an old plugin phone.
- Scheduled updates (every 6 hrs.?) or other time period.
- One central voice for communication and website with resources and updates
- Ham radio operator on island?
- Fires Station & Beacon house notice board updates
- Someone to check on folks who live alone Print list/tips on power outages for every home
- Insert for PI Telephone directory with Emergency Preparedness Preparation instructions
- Air B&B owners should have list for emergencies for their guests
- Establish computer team to figure out best methods for posting info and having printouts in central locations (e.g. Firehall & Beacon house)
- Check how other islands are managing IE Saltspring has emergency protocols organized.

- During the recent storm almost all communication was being delivered via email. Not only do some residents not have email, but unless you are paying for a data plan on Smart Phones, you will not have access to email when hydro and therefore the internet is down.
- Recommendation is for an Emergency Bulletin Board at the Fire Station. During a storm it could post times when the station will be open, along with other pertinent storm related information, offers or requests for help etc. At all other times, it could have clear Fire Regulations posted, instructions for calling 9-1-1 from PI, Evacuation points if required, Earthquake Preparations; how to register with the City of Nanaimo Alerts, website for PI Lions, how the two – step septic system works etc.- all information we found challenging to search out when we first arrived here on PI

Beacon House

- While beacon House is a natural venue to consider as a community hub during an emergency, I think it needs to be kept in mind that it is a fair distance to walk from certain parts of the island particularly during inclement weather. The Fire station is central and should also be considered and be kept open for more than an hour or two each day.
- Priority for a warming Centre – cots, sleeping facilities
- Water supplies, prepare meals (and food bank) fuel supplies (gas, propane)
- Phone charging stations
- Practice drills setting up Beacon House
- Upgrade stovetop to propane
- Water reservoir
- Define specific role for Beacon house- define role in conjunction with the overall incident command structure. Perhaps community-based activities versus life and limb activities dedicated to firehall.
- Look at generator set-up- internet?
- Set hours for 'open house' or 'drop-in'
- Perhaps 'sleeping quarters for some'
- Identify emergencies for which Beacon House is not appropriate i.e. Earthquake
- Warming station with hot drinks in afternoon (Firehall in the A.M.)
- Place to gather and just talk about how it is going but it would need to be warm
- Setup soup kitchen

Emergency Response Planning

- Designate Command centers IE Firehall and Beacon House
- Break island into parcels and phone tree/check-in
- Data base of resources
- Short form EP handout to all households
- Delineate response centers – Should it all be a station 7? Two places? How clogged or space pressure do we put on firehall?
- Command Centers – define and set island incident command structure /roles & responsibilities
Units – equipment, communications, operations, logistics,

- Have a forest fire fighting plan
- Define 'personal responsibilities' vs community responsibilities
- Involve all residents in preparing an emergency plan- buy in and understanding
- Divide close neighbours into small groups to house check on neighbours
- BOB (Bug out Bag) and emergency kit workshops – <https://www.getmykit.ca> Free workshop
- Protection Island evacuation places – who knows where they are? Inform islanders
- Document the plan