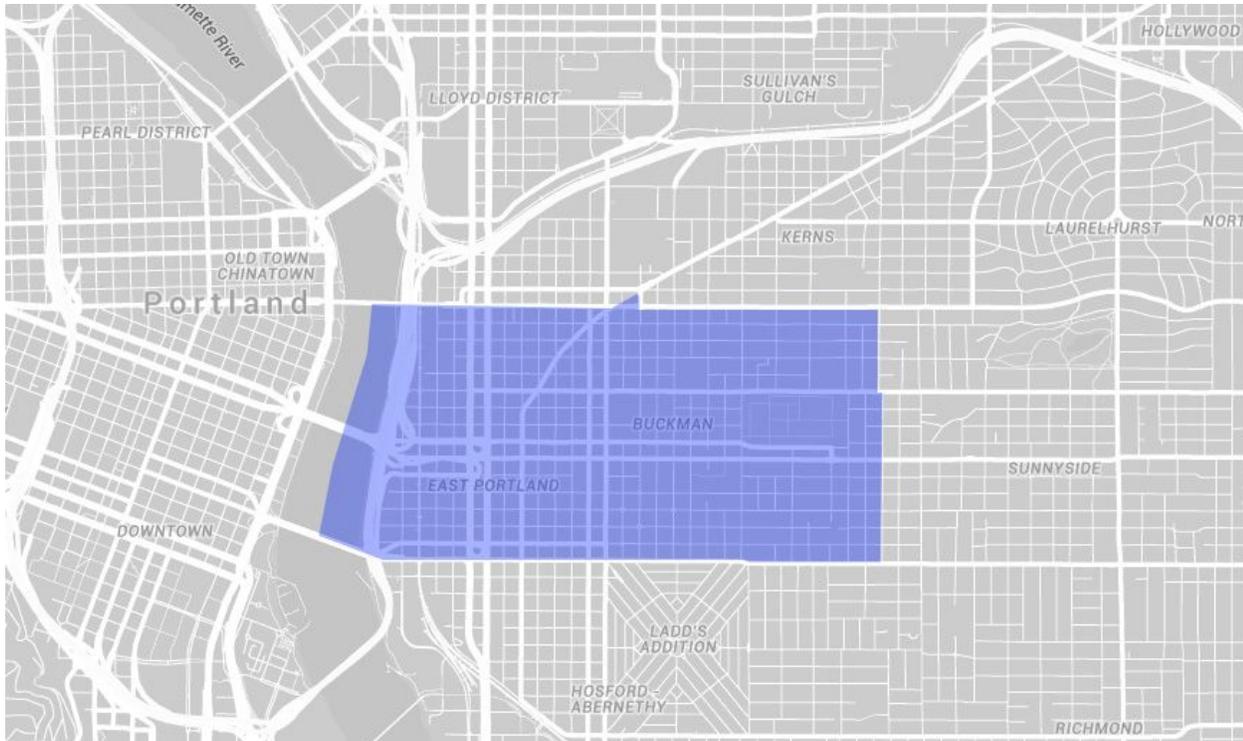


Operations Plan

Buckman Neighborhood Emergency Team

Revised August 2016



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Deployment, Roles, and Responsibilities

Team members should follow the overall NET guidelines regarding deployment - ensuring the safety of themselves and their family/household members before deploying; deploying only upon receiving a message from PBEM; or self-activating in the event of a major disaster and communications failure.

If communications systems are partially available, team members should check in with both team leaders and your "check-in contact" on the team contact sheet. Text message is preferred, but phone call is ok as well. Check-in should consist of status and availability (or not) to deploy, and estimated time to deploy.

Team member should retrieve their NET kit and personal protective equipment, and proceed to the primary staging area at Buckman Arts Focus Elementary School. Follow the Staging Area Protocol (below) to establish a staging area/command post at the staging area in the numbered sequence. Once a secure staging area is established, establish incident command. Team members can either defer to the most qualified member as **Incident Team Leader**, or nominate/vote for one among those present.

Incident Team Leader takes direction from emergency responders working under the direction of an Incident/Unified Commander (IC), keeps informed of situation status ([form 3](#)), establishes incident objectives for the neighborhood, delegates authority, provides information to internal and external parties, and maintains liaison with other responders.

Amateur Radio Operator (ARO) will attempt to reach the Multnomah County ARES Resource Net and the PBEM NET Coordinator. This could be done via BEECN SE-34 Colonel Summers Park. Use [form 6](#).

Operations Coordinator manages triage ([form 5](#)), search & rescue ([form 4](#)), and damage assessment ([form 1](#)).

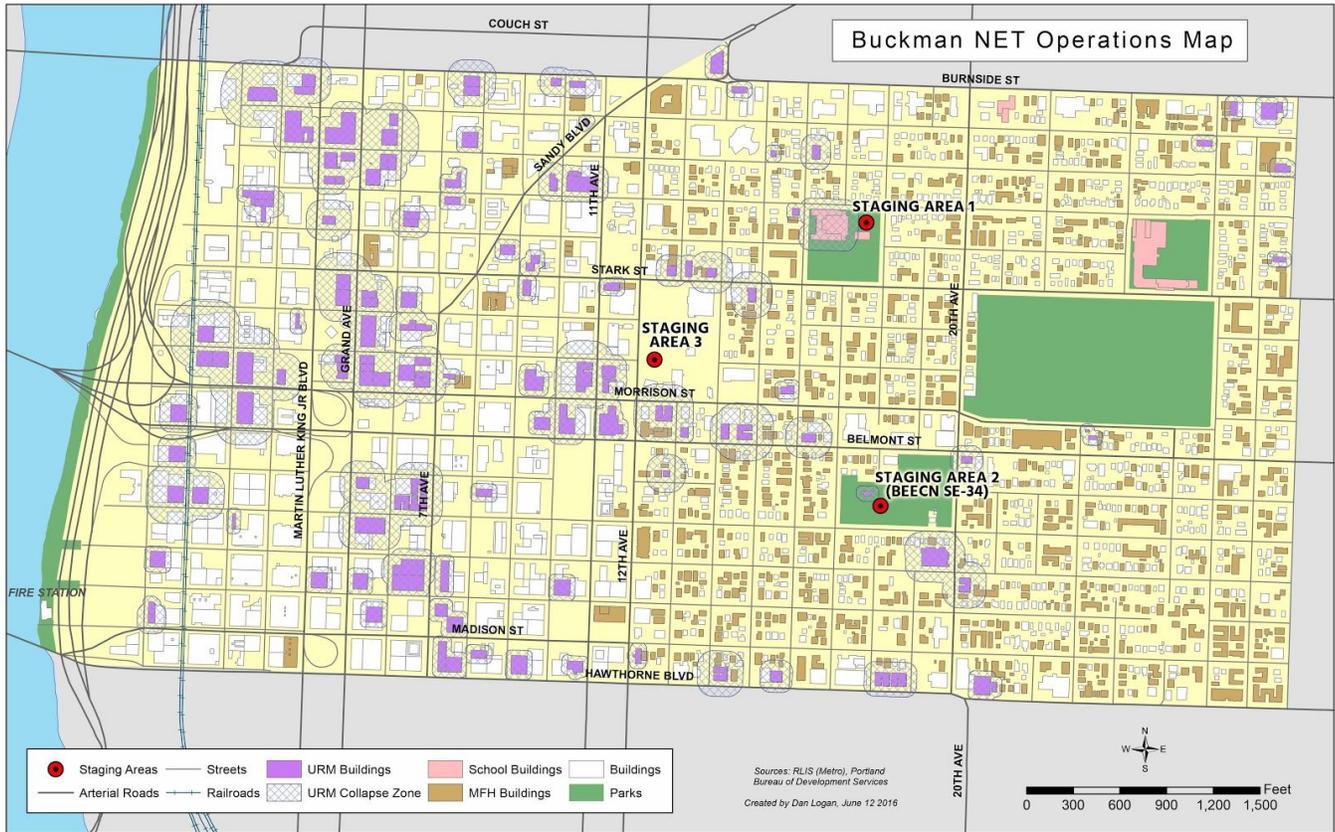
Logistics Coordinator manages resources to meet incident objectives such as: personnel ([form 2.b](#)), equipment ([form 7](#)), facilities, food & water, sanitation, and transportation.

Spontaneous Untrained Volunteer (SUV) Coordinator manages neighbors who wish to help. Use [form 2.a](#).

NET members are not required to take direction from private individuals, unless that person owns or represents the owner of private property on which NETs are conducting pre-authorized response operations.

Map and Staging Area Summary

The Buckman neighborhood consists of 1.2 square miles directly east of downtown Portland, and across the Willamette River. The area is bounded on the west by the Willamette River, on the east by SE 28th Avenue, on the north by E Burnside Street, and on the south by SE Hawthorne Boulevard. Approximately 8,500 people reside within Buckman, with most of that population east of SE 12th Avenue.



Staging Area 1 is the paved area and steel roof structure in the northeast corner of the Buckman Arts Focus Elementary School property. This is a natural community gathering spot, used by over 500 children and adults during school-year weekdays with less intense use on some evenings and weekends. Central Catholic High School, another school with a large, school-year, weekday population is just a few blocks to the east. The paved area makes for a good location for staging equipment, and the 5,000sf steel roof structure can provide shelter during inclement weather. A large cache is planned for the site to provide equipment and supplies for both the school and the larger community.

Staging Area 2 is Colonel Summers Park, a natural community gathering spot. As the brick pavilion is not reinforced, the tennis court at the north part of the property is recommended for staging equipment. The park is also home to **BEECN SE-34** and its associated cache of emergency supplies. Some caution should be taken with this site due to its soft soils and poor drainage, causing most of the area to be unusable during the rainy season.

Staging Area 3 is the vacated portion of SE Alder Street between 12th and 14th. This location has been host to several community events. The adjacent field serves as an informal park and could provide abundant overflow space for staging.

Fire Station 21 is on the east bank of the Willamette River, just north of the Hawthorne Bridge, under an elevated portion of Interstate 5.

The **Central Eastside Industrial District** is the area to the west of SE 12th Avenue, and is home to many businesses and older buildings.

Staging Area Protocol

In the event of a major disaster, team members' arrival at the staging area may be spread out over a long time interval. Some team members may arrive and then be forced to leave a staging area, or may arrive and then decide to use an alternate staging area, before other team members are able to deploy. By following the steps below, we will try to avoid splitting the team across sites or losing track of available team members.

1. **Ensure the staging area is safe to approach** - size up the area for any immediate hazards such as downed power lines, gas leaks, fire, etc. If site is clearly unsafe to approach, proceed to backup site.
2. Check for the presence of any other team members. If present, proceed with ordinary operations.
3. Determine if you are the first to arrive. Check the designated marker locations for any flagging, tape, or other markings.
4. **If markings are present:**
 - a. If markings indicate "SITE BAD," add your initials and date/time, and proceed to the indicated backup staging area.
 - b. If markings indicate "SITE OK," other team members may have had to leave due to time, weather, checking on family, etc. Re-establish the staging area and act as de facto incident commander until more team members arrive.
5. **If markings are not present** - you are likely first to arrive Re-assess the staging area for immediate and longer-term use. Check integrity of any available shelters.
 - a. If site is OK, make a "SITE OK" marking at the marker location, and establish the staging area; act as de facto incident commander until more team members arrive.
 - b. If site is not usable, make a "SITE BAD" marking and indicate backup staging area to proceed to. Attempt to note your identity (name or initials), and date/time.
6. If you are the last to leave a given staging area, ensure that you leave enough marking info for any later-arriving members to know your status, location, and likely time of return if any. Use form 8 if possible.

When making site markings, consider following team members may need to locate them in dark, rain, etc. Do your best to ensure that markings are visible and legible.

NET Communications

Buckman NET uses GMRS/FRS 'dual service' UHF radios. Team Support Communications (TS Comms) will operate on **Channel 2**. When available, ARO will attempt to contact the PBEM NET Coordinator or Emergency Coordination Center (ECC) via VHF Amateur Radio. If no ARO is available, Incident Team Leader will communicate with PBEM NET Coordinator or Emergency Coordination Center (ECC) via BEECN SE-34 Colonel Summers Park.

BEECN SE-34 Colonel Summers Park

BEECN SE-34 Colonel Summers Park is separately staffed from Buckman NET, with the potential for some overlapping members. Communications for BEECN SE-34 are via UHF transceivers on **channel 5** to Primary Fire Station 21 (5 SE Madison St), or as an alternate to Secondary Fire Station 9 (1706 SE Cesar E. Chavez Blvd). Buckman NET will communicate to the ECC through this communication node.

Resources

The provided list gives an idea of some potential areas and businesses that may have resources needed during NET operations, but does not indicate any special agreement with NET members.

Nearby Emergency Response Sites

- BEECN SE-34: Colonel Summers Park, SE 17th & Taylor
- BEECN SE-35: Brooklyn City Park, SE Milwaukie & Haig
- BEECN NE-14: All Saints School, NE Cesar Chavez & Glisan
- Fire Station 21: Eastbank Esplanade & Madison
- Fire Station 9: SE Cesar Chavez & Market
- Fire Station 13: NE 9th & Weidler
- Laurelhurst NET Staging Area: All Saints School/Church, NE Glisan and Cesar Chavez
- Hosford-Abernethy NET Staging Area: Abernethy Elementary School, SE Elliot Ave near Division & 12th
- Sunnyside NET Staging Area: Sunnyside Elementary School, SE 34th & Yamhill
- Richmond NET Staging Area: ???
- Kerns NET Staging Area: ???

Medical Assistance and Treatment

- American Medical Response: SE 2nd & Burnside
- The Oregon Clinic: SE 9th & Ash
- ZOOM+Care East Burnside: SE 24th & Burnside
- A Balanced Life Health Care: SE 20th & Hawthorne

Food and Water

- Sheridan Fruit Company Grocery: SE MLK & Oak
- Whole Foods: NE 28th & Burnside
- Safeway: SE 27th & Hawthorne
- Food Fight Grocery: SE 12th & Stark
- Plaid Pantry:
 - SE Grand & Burnside
 - SE 12th & Morrison
 - SE 20th & Burnside

Tools

- SE Portland Tool Library: Hinson Church, SE 20th & Salmon

- City Bikes COOP: SE 20th & Ankeny
- Hippo Hardware & Trading: SE 11th & Burnside
- Andy & Bax Sporting Goods: SE Grand & Oak
- WC Winks Hardware: SE 2nd & Stark
- National Builders Hardware: SE 9th & Taylor
- Hankins Hardware: SE 17th & Hawthorne
- Ankeny Hardware: SE 11th & Stark
- City Liquidators: SE 3rd & Morrison
- Sanderson Safety Supply: SE 2nd & Taylor

Community Gathering Sites & Potential Indoor Shelter

- Colonel Summers Park: SE 20th & Belmont
- Buckman Arts Focus Elementary School: SE 16th & Stark
- Imago Dei Community: SE 14th & Ankeny
- Holocene: SE 10th & Morrison
- Revolution Hall (Formerly Washington High School): SE 12th and Stark

Schools

- Le Monde French Immersion Public Charter: SE 20th & Burnside
- Buckman Arts Focus Elementary School: SE 16th & Stark
- Central Catholic High School: SE 24th & Stark

Communications

- KBOO Community Radio: SE 8th @ Ankeny

Known Hazards

East Bank Fault

A fault line runs diagonally from approximately SE 20th Ave at E Burnside St to approximately SE 28th Ave at Belmont St.. A large seismic event could trigger smaller, more localized aftershocks along area faults.

Central Eastside Industrial Area

The area west of SE 12th Avenue is generally zoned for industrial use. Buildings in this area are used for everything from manufacturing and warehousing to office space, commercial kitchens, and retail. If operating in this area, team members should be prepared for higher likelihood of fallen structures and hazardous materials as compared to the more residential areas of the neighborhood.

Bridges & Overpasses

Of the three bridges and their associated approach ramps along the west Buckman boundary at the Willamette River, only the Burnside Bridge has gone through partial reinforcement. However, none are expected to be usable after a large seismic event. The Interstate 5 elevated approach to the Marquam Bridge is expected to fail and will be a search & rescue priority.

Old/Unreinforced Masonry Structures

The neighborhood contains a large number of old pre-1970s houses. We have no data on how many of these are likely to be retrofitted. In addition, there are a number of Unreinforced Masonry structures, mostly in the industrial area and along the commercial corridors, but also scattered throughout the residential areas.

Flooding

Low areas along the Willamette River have been know to flood in high water, especially the area west of SE 2nd Ave, between the Morrison Bridge and the Burnside Bridge.

Railway

A heavy rail right of way passes through the neighborhood at what would be SE 1st Ave. A variety of cargo including hazardous materials are shipped through this right of way.

Liquefiable Soils

Most of the neighborhood sits on a deposit of soils prone to liquefaction. The area near the Willamette River will be prone to lateral spreading which can damage structures, roads, and underground utilities. In areas farther from the river, localized liquefaction may cause structural damage and settlement to many structures. Team members should use additional caution when performing size-up and structural damage assessments to be aware of these types of damage.

Search and Rescue Priorities

As soon as possible, search and rescue teams will deploy to the following locations where large populations are vulnerable to older buildings and infrastructure. This is certainly not the limit of Buckman NET search and rescue operations, and this list will expand over time.

- a. Buckman Arts Focus Elementary School (SE 16th & Pine)
- b. Central Catholic High School (SE 24th & Stark)
- c. I-5 elevated approach to the Marquam Bridge
- d. Le Monde French Immersion Public Charter School (E Burnside btw 20th & 22nd)
- e. ChildRoots (SE 17th & Burnside)
- f. Escuela Viva (SE 11th & Pine)
- g. Family Relief Nursery (SE 7th & Ash)
- h. Hawthorne Gardens Senior Living Community (SE 29th & Taylor)