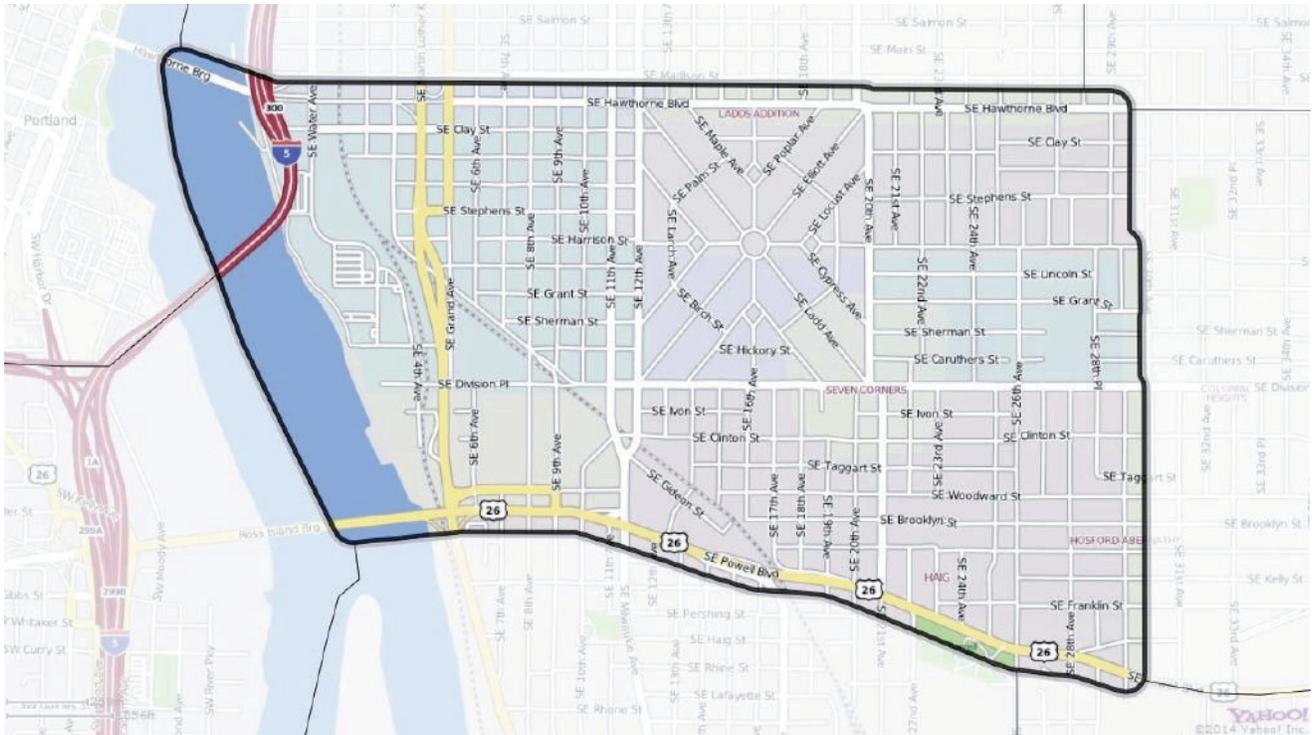

HOSFORD-ABERNETHY NET



Operations Plan

Hosford-Abernethy NET

Portland, OR

March 31, 2014

SUMMARY

Primary Staging Area	Abernethy Elementary School Covered play area - see Staging Area Protocol (SE Elliott & Birch)
Backup Staging Area	St. Philip Neri Church parking lot (SE Division & 17th)
Primary Fire Station	Station 9 - Hawthorne District (1706 SE Cesar Chavez)
Secondary Fire Station	Station 21 - Eastbank/ Hawthorne (5 SE Madison)
Nearby BEECN Sites	SE-34 – Colonel Summers Park (SE Taylor & 17th) SE-35 – Brooklyn Park (SE Haig & Milwaukie)

Note: Sensitive information including team contact information and equipment cache access is contained in a separate document for distribution to active team members and PBEM personnel only.

For questions about this document contact Patrick Vinograd (patrick@handpdx.org).

DEPLOYMENT

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. **Follow the Staging Area Protocol** (below) to establish a staging area/command post at either the primary or secondary staging area.

Once a secure staging area is established, establish incident command. Team members should nominate/vote for an incident commander among those present. No pre-designated roles are assigned other than amateur radio operator (ARO).

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 three designated marker locations noted on the staging area diagram for any flagging/tape/other markings.
4. If markings are present:
 1. If markings indicate "SITE BAD," add your initials and date/time, and proceed to the indicated backup staging area.
 2. 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

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1. Re-assess the staging area for immediate and longer-term use. Check integrity of any available shelters. 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. 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.

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.

COMMUNICATIONS

Team Member Coordination

At present no general-use portable radios are available to the team.

If cell or other phone service is believed to be available, team members should check in with the team leaders and at least one other team member via text or phone call as soon as possible after deploying.

If other team members' homes are on the way to the staging area, consider checking for their presence en-route, though do not get overly-delayed trying to locate other team members at locations other than the planned staging areas.

Amateur Radio Operations

Due to the long distance to Fire Station 9, team Amateur radio operators (AROs) will not make use of the fire station go-box except as a backup option. The ARO will operate from the team staging area or his/her home as applicable.

Each ARO should establish contact with Multnomah County Amateur Radio Emergency Services (ARES) and Portland Emergency Communication Center (ECC) networks as per NET guidelines. ARO should determine whether to do so from staging area or from home based on current conditions.

If ARO has not checked in at staging area after a reasonable amount of time, incident commander should do a status check at home of ARO (e.g., by sending a runner) as soon as resources allow. At this point, incident command and ARO can re-assess whether to relocate ARO operations to staging area.

RESOURCES

This section is a reference of potential resources in and around the neighborhood that may be useful during NET operations. Unless otherwise noted, team members should not assume that the team has any special access to these resources. Over time we will work on establishing relationships with some of these groups and businesses.

Emergency Response Sites

- Portland Fire Station #9: 1706 SE SE Cesar E. Chavez (just S. of Market)
- Portland Fire Station #21: 05 SE Madison (just N. of Hawthorne Bridge)
- BEECN Site SE-34: Colonel Summers Park, SE Taylor and 17th
- BEECN Site SE-35: Brooklyn Park, SE Haig and Milwaukie
- Buckman NET Staging Area: ???
- Richmond NET Staging Area: ???
- Laurelhurst NET Staging Area: All Saints School/Church, NE Glisan and Cesar Chavez
- Sunnyside NET Staging Area: ???

Parks and Open Areas, Sheltered Areas

- Abernethy Elementary Playground: SE Division and Orange (SW Corner of Ladd's Addition)
- Hosford Middle School Field: SE 28th and Caruthers
- Powell City Park (Brooklyn): SE 26th and Powell
- Sewallcrest City Park (Richmond): SE 32nd and Market
- Piccolo City Park: SE 27th and Clinton
- Ladd's Circle: SE Ladd and Elliott
- Safeway: SE Hawthorne and 27th - large covered parking garage

Schools

- Abernethy Elementary School: SE Division and Orange
- Hosford Middle School: SE 28th and Caruthers
- Cleveland High School: SE 26th and Powell
- New Day School: SE Clinton and 19th
- Portland Community College Climb Center: SE Water and Market

Tools and Equipment

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- SE Portland Tool Library: St. David of Wales Church, SE Harrison & 28th Place
 - Clinton Community Garden: SE Clinton and 18th
 - Hankins Hardware: SE Hawthorne and 17th
 - McCoy Millwork: SE Caruthers and Water - Lumber, plywood
 - Sustainable Northwest Wood: SE Division Place and Water - Lumber, plywood
 - Star Rentals: SE Market and 3rd - Heavy Equipment
 - Beckel Canvas: SE Clinton and 23rd - Shelters and tarps

Food and Supplies

- New Seasons Market: SE Division and 20th
- Safeway: SE Hawthorne and 27th
- Cash & Carry: SE 7th and Stephens
- People's Co-op: SE 21st and Tibbetts
- Rose's Equipment, Pitman Restaurant Equipment: SE Clay and 3rd

Medical Treatment

- Providence Portland (Laurelhurst): NE Glisan and 47th
- ZoomCare Hawthorne (Buckman): SE Hawthorne and 33rd
- OHSU Family Medicine (Richmond): SE Division and 39th
- Vivante Midwifery: SE Hawthorne and 29th
- Brooklyn Pharmacy (Brooklyn): SE Milwaukie, just S. of Powell
- Rite-Aid (Richmond): SE Division and Cesar Chavez
- Fred Meyer (Richmond): SE Hawthorne and Cesar Chavez

KNOWN HAZARDS

This section describes some of the known hazards present in the neighborhood.

Central Eastside Industrial Area

The areas west of SE 12th Avenue and south of the railroad tracks are 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 hazardous materials as compared to the more residential areas of the neighborhood.

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.

Natural Gas Pipeline

A natural gas pipeline runs underneath the neighborhood. It reaches the east bank of the Willamette at SE Caruthers, then runs under SE Caruthers, SE Division Place, SE 9th, and SE Gideon along the west side of the railway. It then heads east underneath SE Brooklyn for the remaining width of the neighborhood. Additional awareness and caution regarding gas leaks should be used in the vicinity of the pipeline.

Railway

A heavy rail right of way passes through the neighborhood. Also there is a large Union Pacific terminal just south of the neighborhood in Brooklyn. 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 further 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 PRIORITIES

Team operational priorities should be dictated by the situation, conditions, available resources, etc. The following section lists spots in the neighborhood that can be considered as priorities either due to a possible high concentration of people, vulnerable populations, or at-risk structures.

- TBD



HAND NET Staging Area

Abernethy Elementary School

ID	Location
1	Gazebo
2	Covered Play Area
3	Concrete Posts
4	Gas Shutoff
5	Overhead Power Lines
6	Overhead Power Lines

- * Assess the overall site for safety before approaching.
- * If no NET members are visible, check for any site markings from other team members at:
 - 1) Wooden Gazebo near Birch Street
 - 2) Concrete Posts near corner of Elliott and Birch
- * Mark site assessment and time in/out at one of these locations if possible.



Gazebo



Concrete Posts