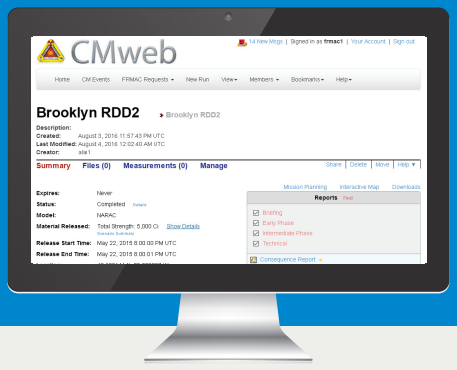
10 Point Monitoring Plan

CMweb

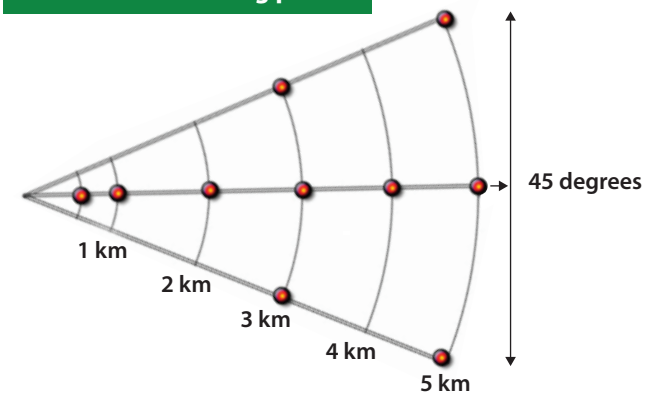


CMweb URL: https://cmweb.llnl.gov
NARAC Exercise/Emergency: (925) 424-6465
NARAC Customer Support : (925) 422-9159
CMHT: 702-734-1665
Advisory Team: 866-300-4374

Access to runs in the NARAC folder may need to be requested from CMHT or NARAC Customer Support.

The purpose of 10 Point Monitoring Strategy is to provide a quick and standardized method for rapidly gathering initial monitoring data after a release of radioactive material.

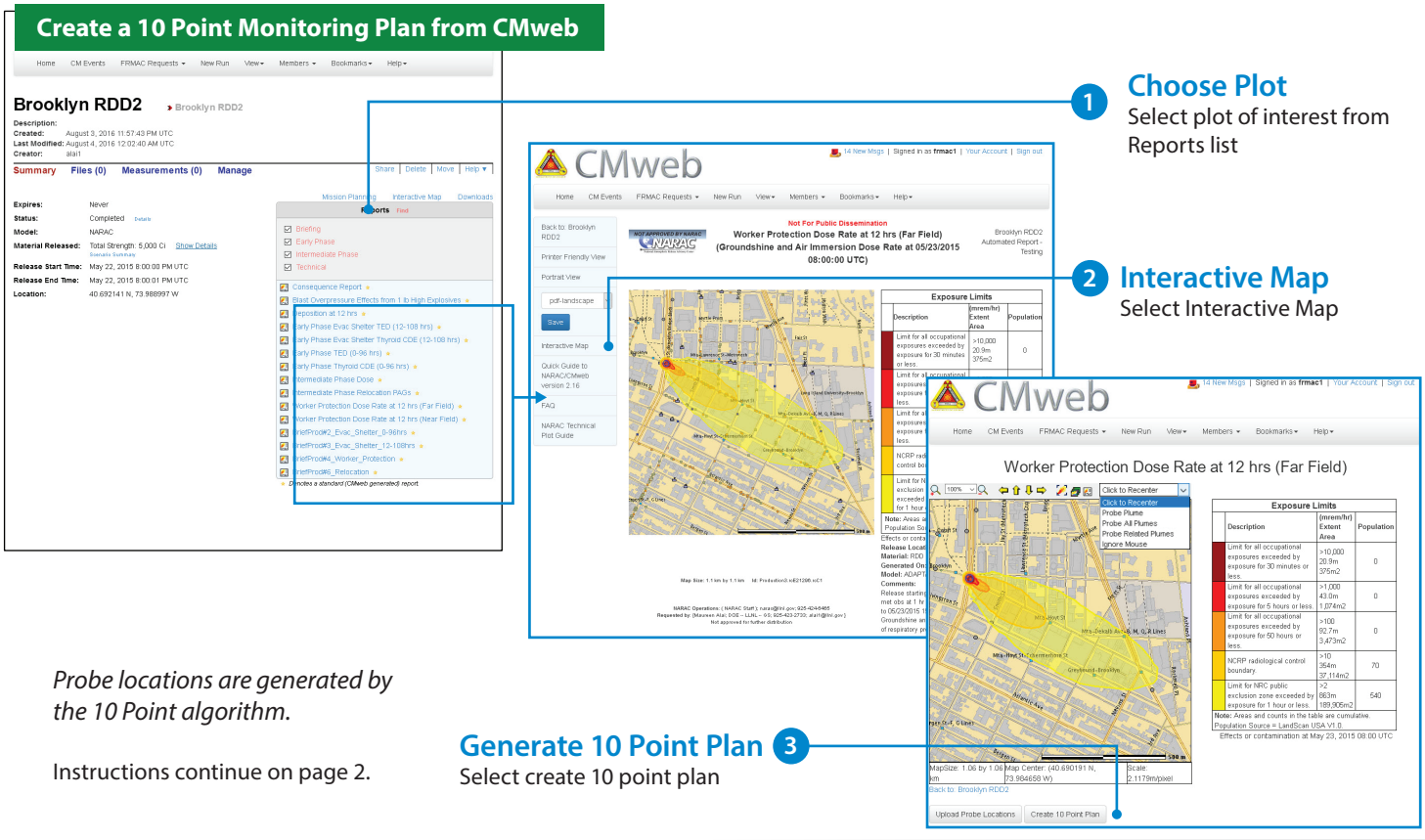
Initial 10 monitoring points



The initial 10 monitoring points are:

- Directly downwind from the release point as close to the release as safe for responders
- 1 km, 2 km, 3 km, 4 km, and 5 km directly downwind
- 3 km and 5 km downwind at 22.5 degrees on both sides of plume centerline

Create a 10 Point Monitoring Plan from CMweb



1 Choose Plot
Select plot of interest from Reports list

2 Interactive Map
Select Interactive Map

3 Generate 10 Point Plan
Select create 10 point plan

Probe locations are generated by the 10 Point algorithm.

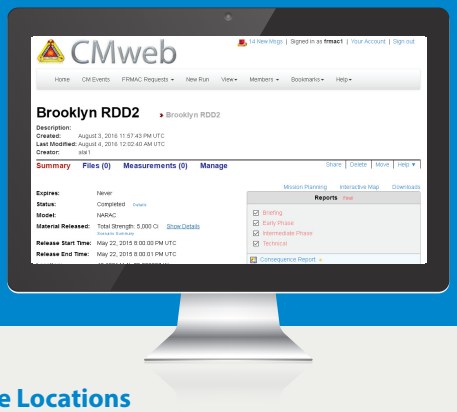
Instructions continue on page 2.

LLNL-MI-748462

Homeland Security Science and Technology | FEMA | NUSTL | U.S. DEPARTMENT OF ENERGY

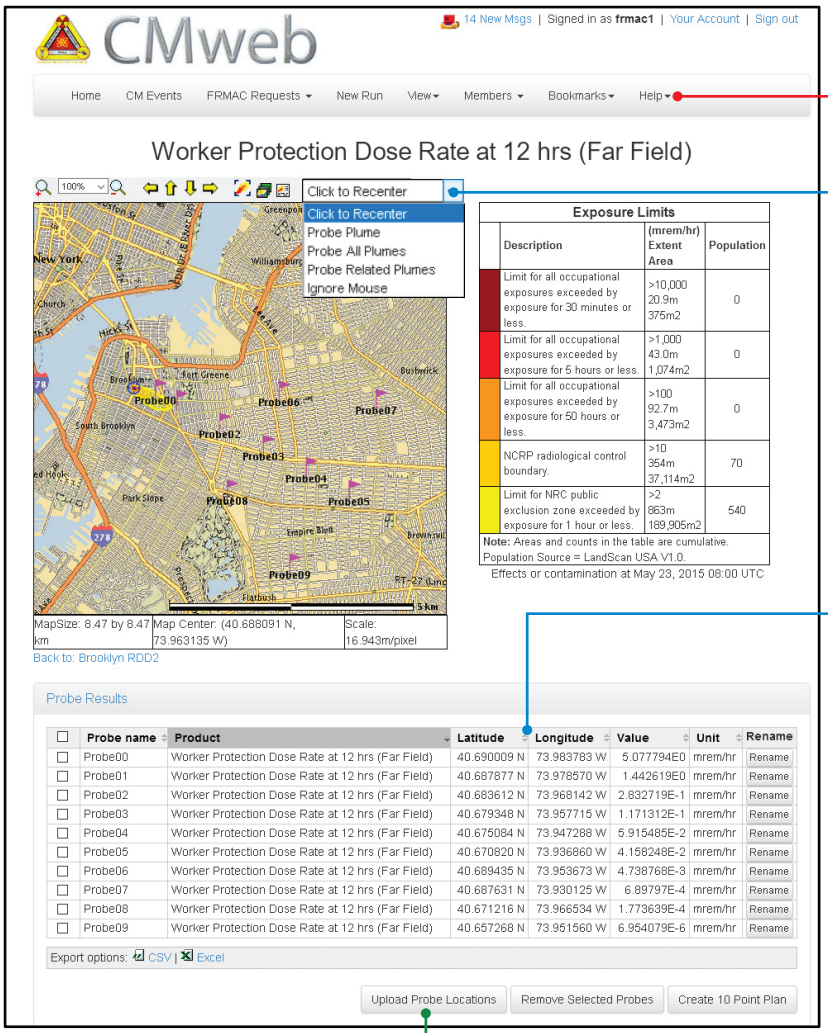
10 Point Monitoring Plan

CMweb



CMweb URL: https://cmweb.llnl.gov
NARAC Exercise/Emergency: (925) 424-6465
NARAC Customer Support : (925) 422-9159
CMHT: 702-734-1665
Advisory Team: 866-300-4374

Access to runs in the NARAC folder may need to be requested from CMHT or NARAC Customer Support.



4 Probe Locations

- 10 Point Plan locations will appear on map
  Note: you may have to zoom out on the map to see all the points.
- Additional probe locations can also be created by using controls from pulldown menu or clicking anywhere on the map.

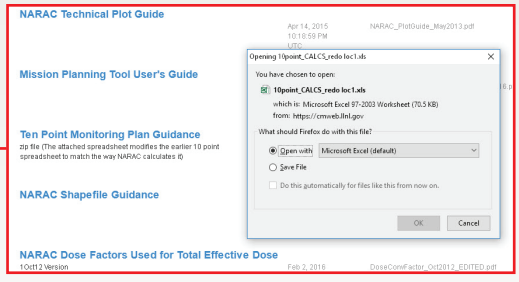
5 Adjustment to Probe Locations

Adjustment to probe locations can be made by changing the Latitude and Longitude

Probe locations may need adjustment if the original plan's probe locations result in:

- No contamination found during initial monitoring
- The locations are not accessible due to obstruction or terrain features
- Higher levels of contamination are found more toward one side of the plume than the other
- Higher contamination levels are found at farther distances than close in points

A 10 point tool can be found under the CMweb Help.



Probe locations created by another tool can be uploaded from a .csv file.

LLNL-MI-748462