

# Flooding or Flood Map Questions?

*The Village of Libertyville participates in the National Flood Insurance Program (NFIP) and has adopted flood hazard area protection standards. As a public service, the Engineering Division offers map information related to flooding. The following are examples of information that can be provided upon request:*

- **Basic Flood Map Information**

Offer assistance to residents with determining whether or not a property is in or out of the Special Flood Hazard Area, as well as identifying the Zone, base flood elevation, and panel reference information as shown on the Flood Insurance Rate Maps (FIRM).

- **Floodways**

Provide information regarding the limits of identified Floodways in relation to the property and the associated regulatory requirements for potential developments.

- **Local Drainage Issues**

Provide information to residents for potential flooding sources beyond flood areas shown on the FIRM.

- **Flood Depth Information**

Provide potential flood depths of properties by identifying the approximate site elevations via Lake County GIS contours in relation to the established base flood elevation.

- **Wetlands/ Open Spaces**

Identify mapped wetlands and open spaces within properties and regulations prohibiting potential developments.

To request flood map information, please contact Jeff Cooper, Village Engineer, at **(847) 918-2105**.



## Buckthorn–Eradication Initiative

Buckthorn is an invasive species which has decimated native species and ecosystems since being introduced from Europe in the 1800's. It now comprises 42% of Lake County's tree canopy!

Buckthorn reproduces rapidly; its leaves appear much earlier in the spring and persist longer into winter than native species, this robs sunlight from native species like young oak trees. Buckthorn also changes the nitrogen and pH levels in soil, promotes erosion, and impacts wildlife. Buckthorn fruit makes some animals sick and has a diuretic effect on birds, which further enhances its spread.

Lake County Forest Preserve District LCFPD has completed successful Buckthorn Eradication Projects at Middlefork Savanna and other preserves. The Village encourages you to do your part to help eradicate this invader from our landscape, given that more than 70% of trees are on private land.



### LCFPD recommends:

1. Identifying all Buckthorn seedlings and trees.
2. Pull out all small seedlings and cut larger shrubs several inches above the soil.
3. Larger Buckthorn trees may need to be taken down by professionals.
4. Apply herbicide (e.g. Garlon, Tahoe, Element, etc. – herbicides with the active ingredient "Triclopyr") to all cut stumps. Read and follow herbicide product labels for use and applications.
5. In lieu of herbicide, you can also place a black tarp over the cut stumps to prevent re-sprouting.
6. If your eradication project appears overwhelming, consider tackling it in phases, removing the fruit-bearing, female Buckthorn trees first.

For more information on Buckthorn, visit the Lake County Forest Preserve District's (LCFPD) website (<https://www.lcfpd.org/conservation/landscaping/>).