

# Quasqueton Flood Resilience Action Plan: **MITIGATING FLOOD DAMAGE**

## as a resident of Quasky



### *Homeowner Mitigation*

As a homeowner in Quasky, you have the power to protect your home and community from the damages of flooding. Consider implementing some of the following strategies on your property:

**Keep culverts clear:** Help keep public stormwater systems free of debris, ice, and snow. This will funnel water away from buildings/homes and direct it to where it belongs.

**Be weather aware:** Subscribe to weather alerts and monitor stream gauges during heavy rainfall events.

**Increase infiltration:** Set up rain barrels, rain gardens, or other rainwater storage systems to assist with water infiltration.

**Protect your assets:** Relocate water heaters, furnaces, photos, and other valuables from basements or low-lying areas to higher levels. Install a sump pump and downspouts. Grade your lawn away from your home or consider planting a native perennial vegetation garden.

### *Landowner Mitigation*

As a landowner, there are additional infiltration and detention practices you might consider to assist flood mitigation throughout Quasky. There may be federal, state, or private cost-share assistance available to implement the following practices:

**Cover crops/No-till:** Cover crops are planted between cash crop seasons in order to keep cover on the ground

all year long. Using cover crops with no-till management strategy improves soil health and overall productivity.

**Wetlands:** Wetlands provide areas where excess water can be stored or filtered before entering a nearby stream or river.

**Detention ponds:** Detention ponds provide additional storage for runoff water from neighboring landscapes. They can be designed to hold water all year round or for a short period of time.

**Water and Sediment Control Basin (WASCOB):** A WASCOB is an embankment structure that collects runoff water at the bottom of a drainage area and slowly releases it, allowing sediment and nutrients to filter out.

**Multi-cropping:** Multi-cropping is the process of growing more than one crop in the same growing season on the same section of land. Multi-cropping adds diversity to crop rotations, creates additional economic opportunities, reduces input costs and weed pressure, mimics nature, builds soil health, and more.

**Native Perennial Vegetation/CRP:** Establishing and maintaining the permanent vegetative cover of native grasses, legumes, and forbs.

