

WATER SYSTEM MAPPING

Identify key components

Water system key	
Component	Color/symbol
Surface water	
Well	
Municipal hydrant	
Irrigation lines	
Headers	
Pumps	
Septic tanks	
Backflow devices	

For each field this season, indicate:

- Crops
- Drip vs. overhead
- Flow of water
- Flow of product

WHAT ARE THE RISKS TO THE SYSTEM?

Think about...

- **Animals** – hedgerows, migration paths, domestic animals
- **Distribution system** – where are mains? Pumps? Where do you store your irrigation pipes? What type of irrigation system? Drip or overhead (that year)?
- **Product flow**
- **Workers** – bathrooms, handwashing, where are porta potties sited?
- **Terrain, buildings** – structures, fields, livestock; sloping, erosion, compost areas?

Looking at your map, describe the risks on your farm.

What would you do to mitigate those risks?