Storm Response Unit – The concept of a self-contained storm response unit was envisioned and developed based on lessons learned from the December 2022, January 2023, and March 2023 storm events.



Storm Response Unit undergoing annual operational testing (May 2025)

Goal: To respond to extreme floodings in unincorporated county areas and, if necessary, augment larger commercial pump equipment.

Equipment contained:

1) Cummins-Onan Generator (7KW) providing power for the entire unit
2) 2 x 4" gas trash pumps, 500 GPM, 2.5 hrs run time/1.6 gal tank (per pump) (combined capacity of 1,000 gallons per minute or 60,000 gallons per hour)
3) 500' of discharge hose
4) 90' of intake hose
5) 2 x Tripod battery-powered work lights (1700/3200/6000 Lumens, L/M/H, each)
6) Water (to prime pumps, if necessary)
7) 10-gallons fuel for trash pumps
8) Built-in exterior work lights and LED interior lights
9) Various tools and safety equipment needed to set up a safe work zone
10) The Unit could also be deployed as a charging station in emergencies