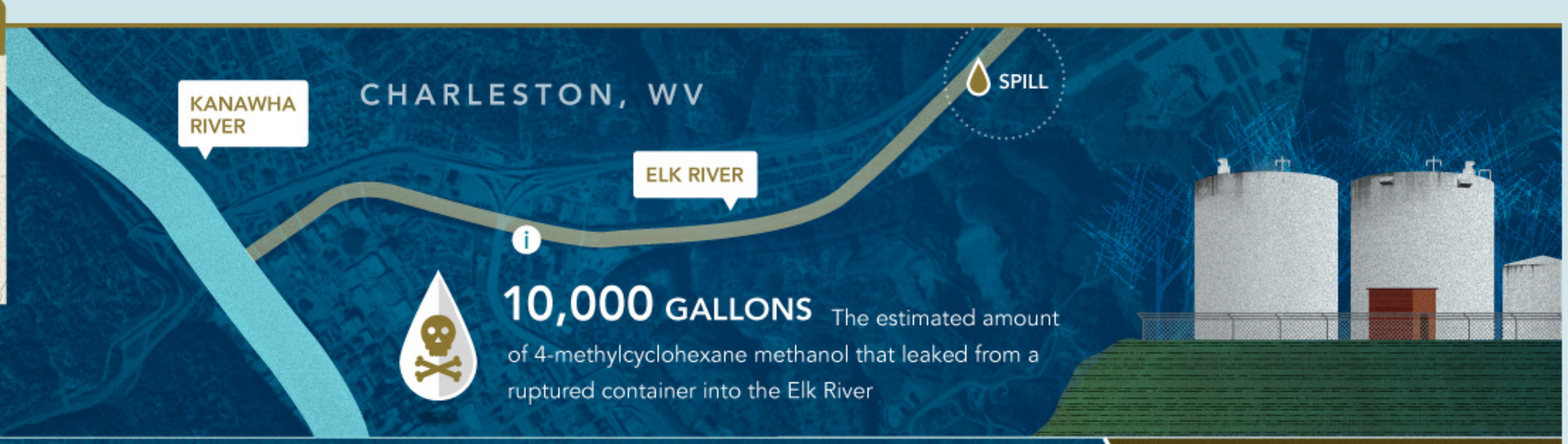
How Technology and Data Analytics Protected Cincinnati's Water Supply

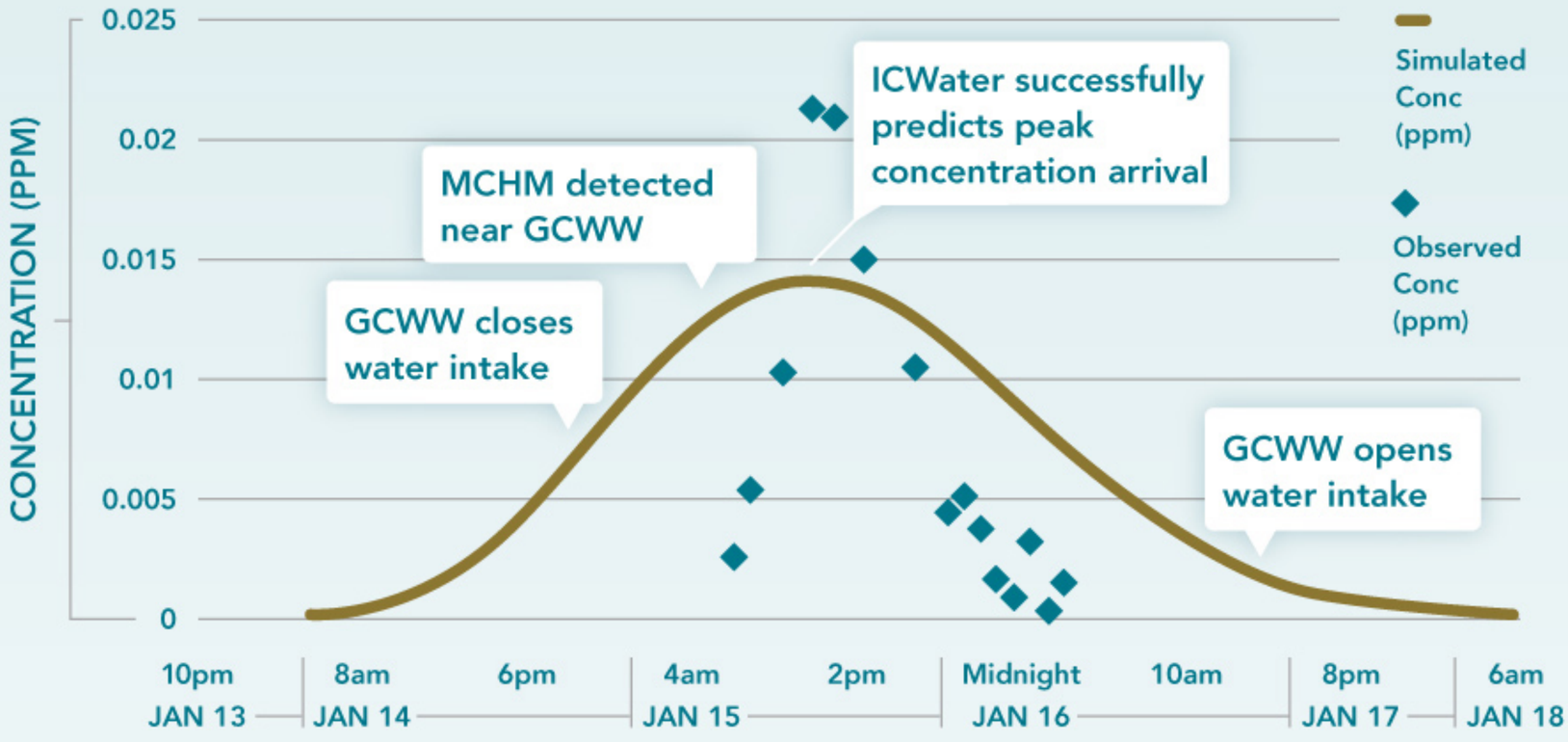
THE SPILL



10,000 GALLONS The estimated amount of 4-methylcyclohexane methanol that leaked from a ruptured container into the Elk River

300,000 PEOPLE The approximate number of people affected by the spill. Contaminants entered Charleston's intake and its water supply before any actions could be taken.

THE RESPONSE



Leidos and the Greater Cincinnati Water Works (GCWW) initiated ICWater model to estimate time of travel and concentration of the spill

ICWater along with monitoring data enabled officials to determine in real time when and for how long to shut off their cities' drinking water intakes. Cincinnati managed to avoid letting the chemical into its drinking supply.

leidos