

# ILLICIT DISCHARGE DETECTION



Networked  
Sensors



Cloud-Based  
Software



Smart  
Analytics

Utilize StormSensor's networked sensors and cloud-based analytics to detect illicit discharges. Our system learns expected baseline flows and immediately notifies you of unexpected deviations. Which means that you can proactively respond, minimizing potential environmental damages and maximizing the value of time spent in the field.

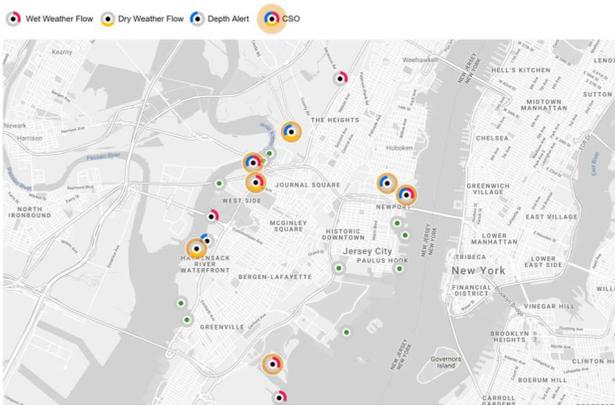


[WWW.STORMSENSOR.IO](http://WWW.STORMSENSOR.IO)

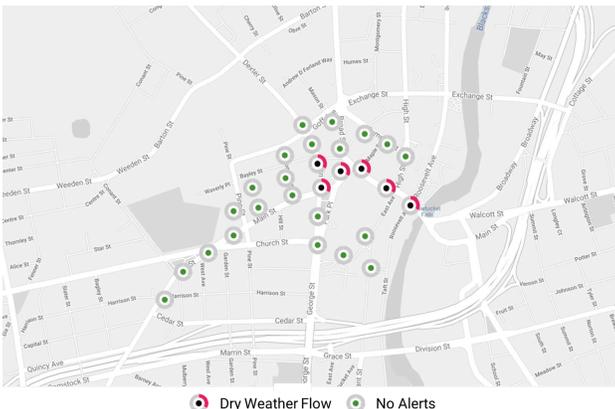
505 Broadway East, Suite 115  
Seattle, Washington 98102

[SupportTeam@stormsensor.io](mailto:SupportTeam@stormsensor.io)

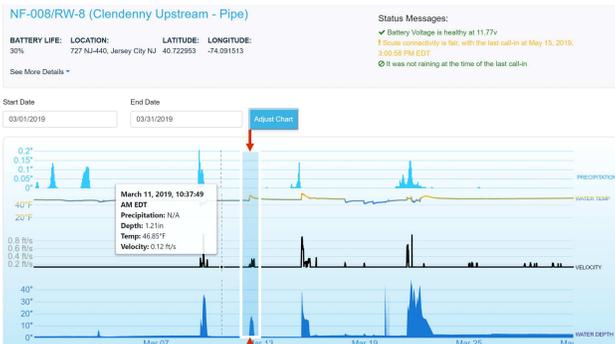
StormSensor provides the empirical data necessary to determine when and where an illicit discharge has occurred. Cloud-accessible data means you can keep tabs on your system 24/7. Our proprietary algorithms identify and quantify illicit discharge events in real time.



Continuously monitor at outfalls so you are aware of - and can trace and control the source of - suspect discharges to local waters. Receive alerts and notifications of dry weather flow events.



Monitor in known problem areas to trace illicit connections and identify potential dumping all the way back to the source: no dye tests, flashlights, or traffic control required.



View data and insights in real-time. Quickly track trends parameter by parameter, and determine timing and volume of dry weather flows.

## DETECTING ILLICIT DISCHARGES WITH STORMSENSOR

StormSensor's Scute™ sensors track water depth, velocity, and temperature within your stormwater system 24/7. Deploy networks of Scutes™ within priority areas, e.g., those locations with older sanitary systems and a higher likelihood of illicit connections.

Empirically identify and track continuous, intermittent, or incidental inputs into your MS4 in real time, from your desk or your phone.

## STORMSENSOR BASICS

- Scute™ sensors track water depth, velocity (+/-), flow, and temperature in real-time.
- Data are immediately usable via our Terrapin™ cloud-based software.
- All monitoring data are correlated with local weather data, and the sensor readings are QA/QC'd in real time.
- Site-specific alerts and notifications add insight to raw data.

## BENEFITS

- **Avoid fines and costly clean-ups** by relying on our **real-time notifications** so you can proactively respond to O&M issues before they lead to discharges.
- **Reduce staff time** spent in the field by using our **continuous monitoring** network to screen for dry weather flows 24/7.
- **Optimize field sampling** by relying on our **real-time alerts** to notify you of dry weather flow events.
- **Reduce duplicated efforts** across programs by taking advantage of our **unlimited logins** to also capture data critical to LTCP, TMDL, and BMP evaluations.

## READY TO RAISE YOUR STORMWATER IQ?

Schedule a demo! Contact us at [SupportTeam@StormSensor.io](mailto:SupportTeam@StormSensor.io)