

From: [Harris Siddiqui](#)
To: [foil](#)
Subject: [EXTERNAL] Public Records Request
Date: Thursday, July 30, 2026 6:36:08 PM
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Good afternoon,

I hope this email finds you well.

We wanted to submit this records request to the Water Division.

The information we are seeking is intended to help New York water systems use data and predictive modeling to better understand the condition of their buried pipelines.

For some high-level context, the records we are seeking are to support training and validation of our water pipeline decision support model.

We are hoping Erie County Water Authority can provide records related to break/leak events for the water distribution system. We are not seeking any operational or AWIA-2018 sensitive data related to systemwide pipeline details (e.g. material, size, etc.). Just failure events over time.

1. Historical Pipe Break / Failure Data: These records do not need to be in GIS format (although GIS shapefiles would be great), just have sufficient location information (e.g., coordinates or address or linear reference) to map. Preferred attributes include date of failure, reference to whether the event occurred on a service line or a water main, valve, FH, etc. and any field notes, if available. The ideal timeframe would be from when ECWA started recording this information, but data from the past 20- or 25-years will work just fine.

2. Our broader mission is to equip New York water systems with defensible, data-driven insights into pipeline condition. By validating the model using data from well-resourced systems like ECWA, we can extend those insights to utilities of all sizes, including those with limited data or staff capacity, to support more informed infrastructure planning and funding decisions.

One additional benefit we see is as technology companies that publicly commit to net-zero or net-positive water impacts locate in new communities, our goal is to help utilities ensure those commitments translate into real, funded infrastructure improvements, specifically targeting pipes that are leaking or prone to failure. In practical terms, this supports reducing non-revenue water loss by an amount equal to or greater than projected new water demand, funded by

private developers during the entitlement process.

Our objective is to model the water system using historical patterns and external stressors to project future pipe failure risk and subsequently provide our preliminary findings to the ECWA.

Cheers!

Best regards,

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