New London Wastewater Asset Management

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Benefits of Wastewater Asset Management for New London

Data Collection:

- Station runtimes
- Flow data
- Manhole structure inspections
- Recommended replacement times of equipment, structures, and pipes.

Financial Planning

- Estimated replacement dates and cost
- Clear graphs and tables for quick referencing

Benefits Continued..

Collection System Information:

- Expected replacement timeframe of pipes, structures, stations, and equipment.
- Quick reference data for age, material type, and probability of failure rate for pipes and structures.
- Risk scoring and a recommended inspection frequency to help balance our time more efficiently.

SULLAIR

Beneficial Field Tools: Digital Mapping

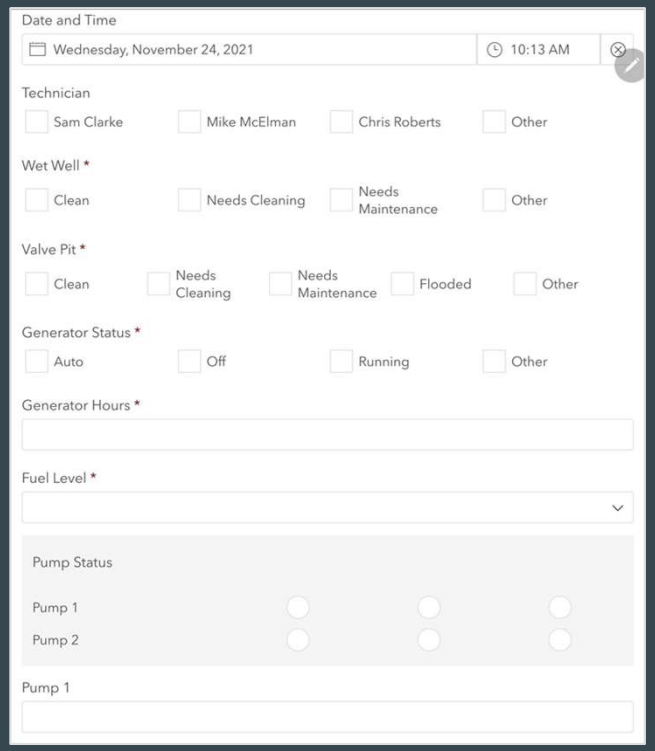
ARCGIS Field Maps

- Excellent for location of manholes, age of pipe, and pipe material.
- Always with you and not bulky and fragile like paper plan

Beneficial Field Tools: Digital Data Collection

ARCGIS Survey123

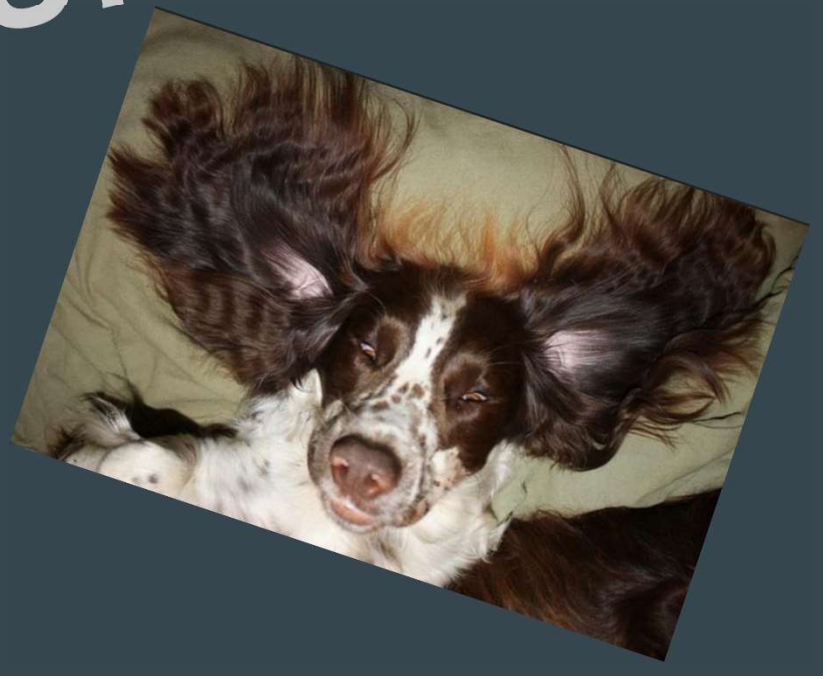
- Clean, accurate, anywhere data
- Not trying to decipher handwriting and messy paperwork



Successes of Asset Management

1. Identifying issues we had not recognized or planned for.
2. Helped us become more organized for future goals and plans.
3. Modernized the department as a whole with digital mapping and surveys.
4. Outlined a level of service giving us specific goals for the operation, maintenance and performance of our assets.
5. A clear and accurate financial data spreadsheets, tables, and graphs.

Struggles with Asset Management

1. Software adoption
2. Adjusting with the changes of ARCGIS
3. FUNDING
4. Making a plan of attack
5. Maintaining and keeping up with the program and not just letting it collect dust

ANY QUESTIONS?