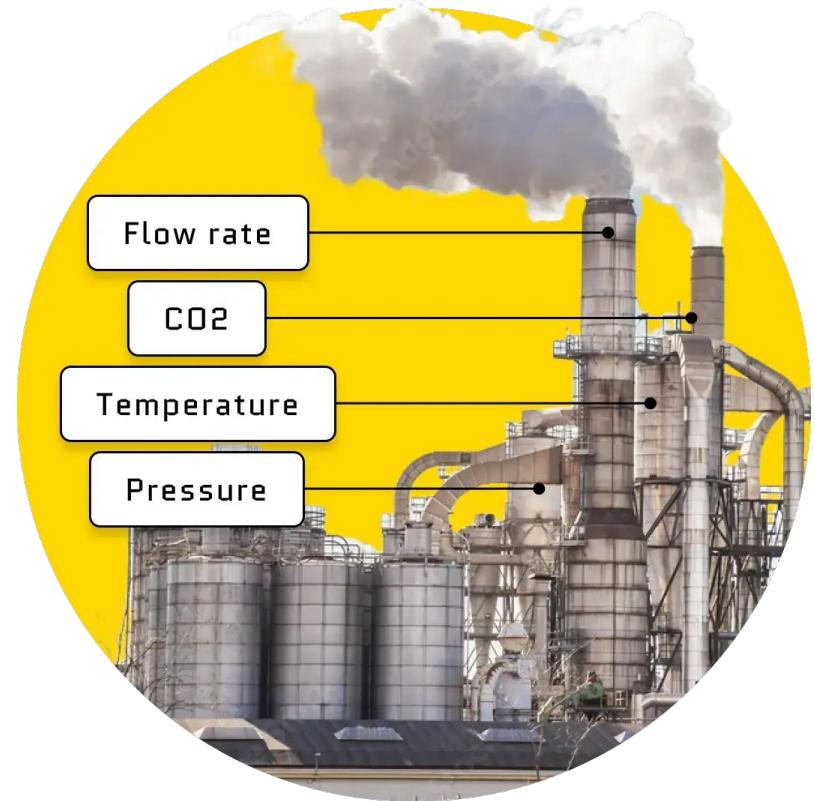


Maple AI **(Finally) AI for environmental compliance**



Speakers



Ino Tsichrintzi

AI Application Lead /
Solutions Engineer



Allie Janoch

CEO and Cofounder

Is anyone tired of copying data from paper forms to Excel?

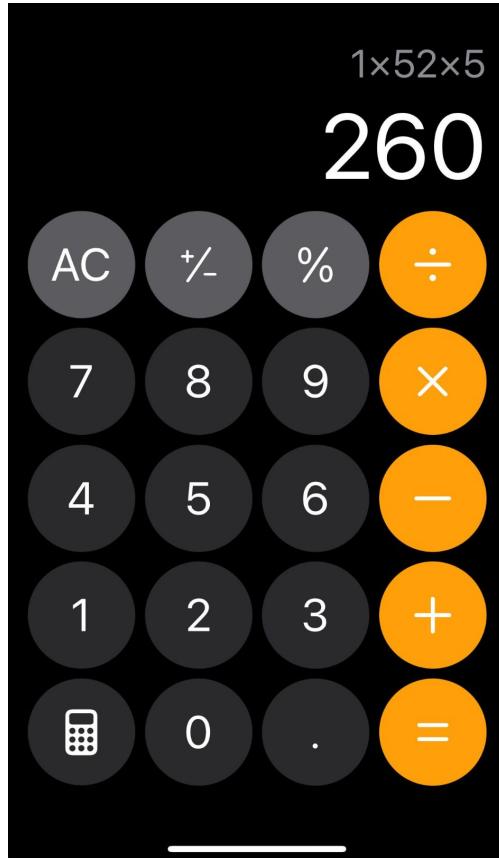
when you leave things for tomorrow and
tomorrow arrives



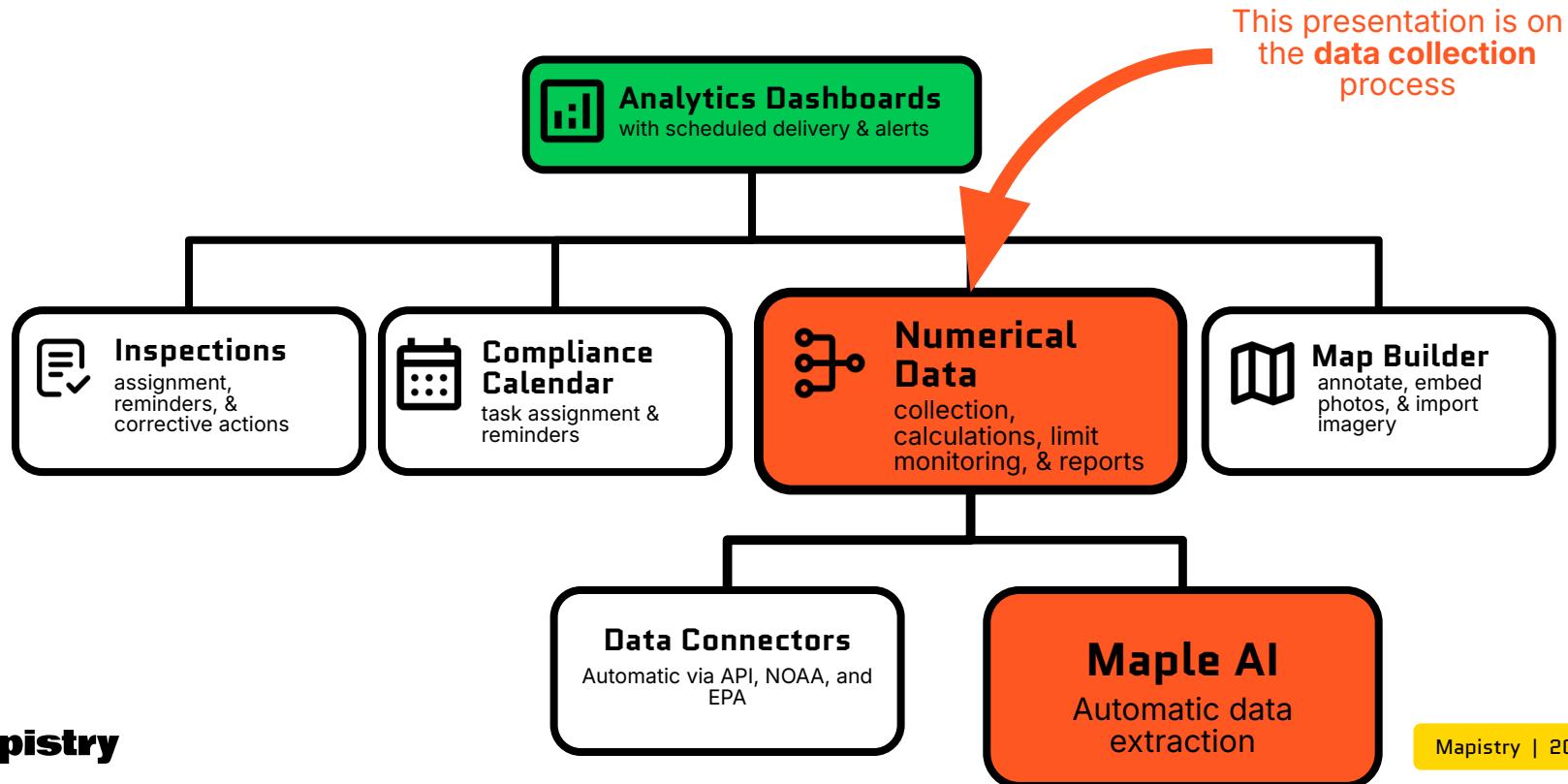
Your company is paying for data entry, too.

Just one hour of data entry per day adds up to 260 hours per year.

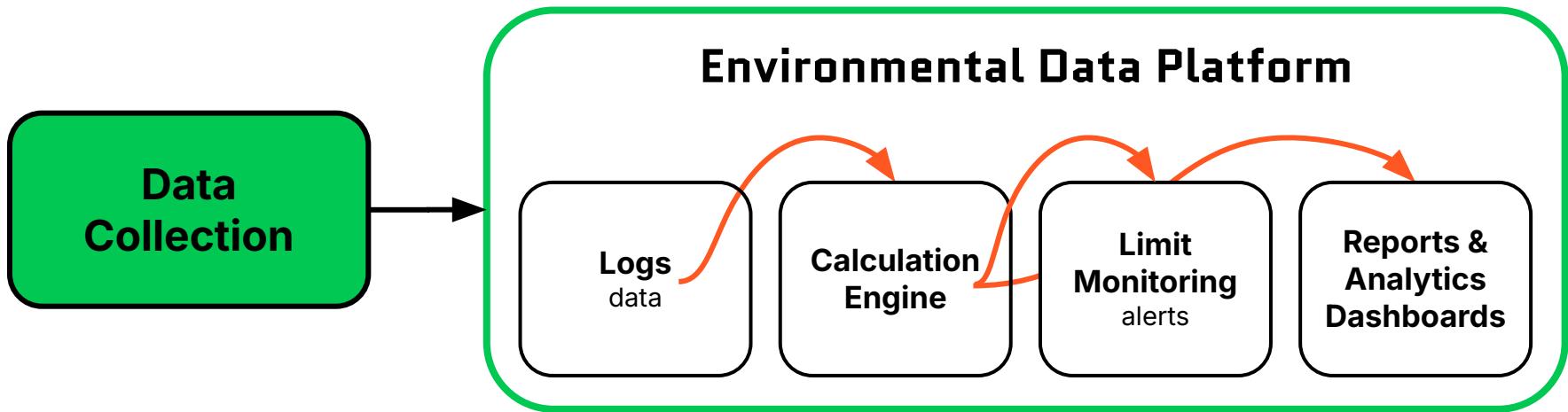
That's 32 business days.
Or 15% of your working year 



The Environmental Compliance Platform



How data flows into Mapistry



Hierarchy of Data Collection

Automated
From Internal & External (i.e. EPA) Systems via API

Spreadsheet Upload
with AI

Manual Data Entry
web or mobile app

Maple AI
thru photos & email

**Maple AI takes
data entry off
your plate.**

What kinds of data?

- PDFs that get emailed to you (e.g., receipts or lab reports)
- Operators can't or don't want to use an app (e.g., sweeper log)
- The industry norm is still paper (e.g., waste manifest)

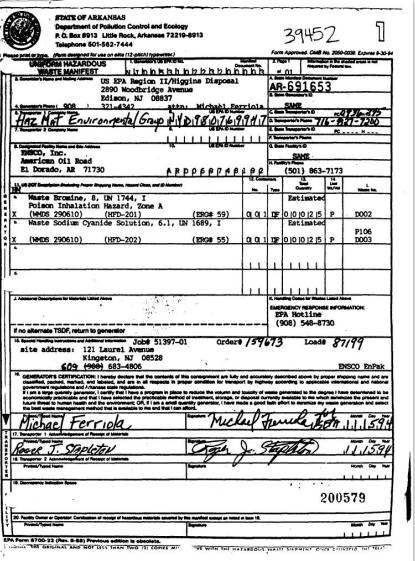
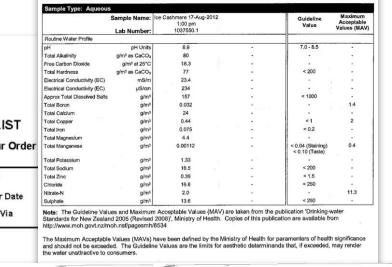


One: 1-800-323-0620

...
...
...

Ship To Name
Ship To Address 1
Ship To City
Ship To State
Ship To Zip
Ship Method

Description
Description 1



How it works

Step 1: Upload, snap a photo, or email

Drop PDFs or photos into your AI data extractor

Step 2: Data extracted

Our AI converts your file into log data

Step 3: QA

Review the results and correct any mistakes

How It Works

Step 1 Drop PDFs or photos into your AI data extractor

ACME Laboratories

123 Main St
Sacramento, CA 91234

Project Requested by: Fulton Manufacturing

Sample Identification: Discharge Water

Sample Matrix: Wastewater

Sample Location: SP001

Method of Sampling : Grab

Date/Time Sampled: 08/23/2025 11:56 PM

Sampled by: ACME Laboratories

Date/Time Sample Received: 08/23/2025 04:18 PM

Date/Time Data Reported: 10/21/2025 02:29 PM

Parameter	Measured Concentration	Unit	Method of Analysis	Reported Detection Limit	Regulatory Level
CBOD	7.29	lb./day	5210 B	2.00	100
Total Suspended Solids	15.0	mg/L	2540 D	10.0	10000
Zinc	0.058	mg/L	200.8	0.0500	4.50
Phosphorus	1.13	mg/L	365.3	1.25	177

2

Laboratory Analysis Summary

Permit No: 12345
Permittee: Fulton Manufacturing 001
Sample Event Date: 09/15/25 8:30
Sampled by: Albie Janoch
Sample ID: 002

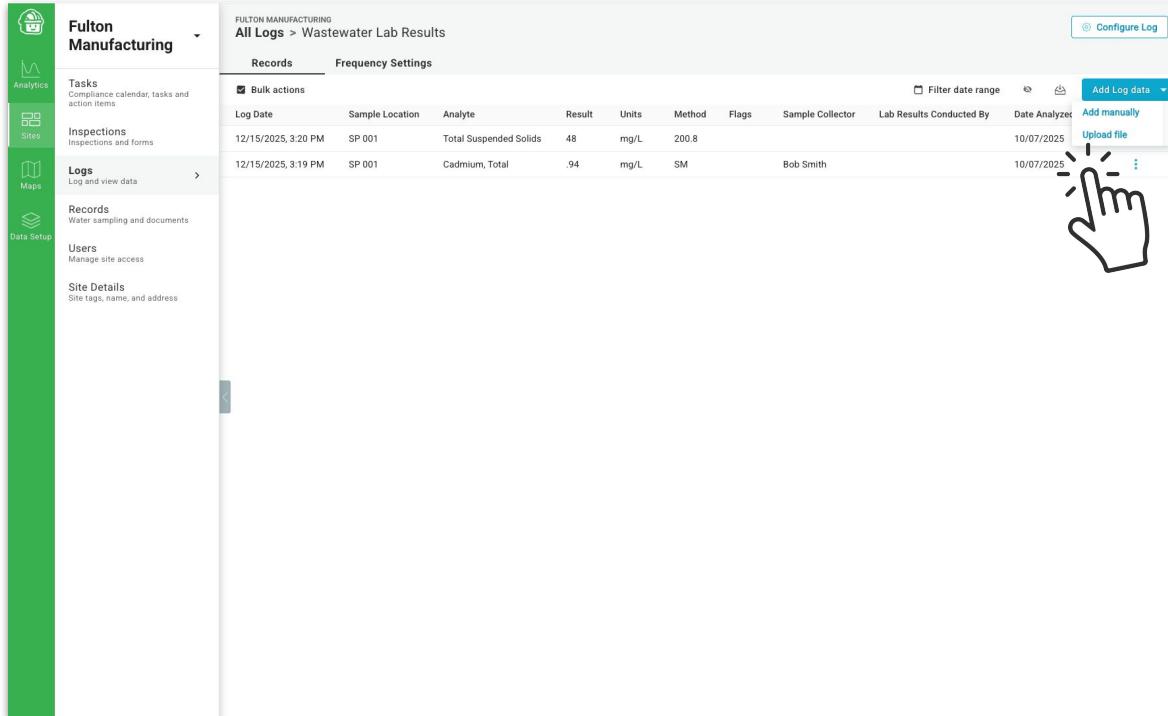
METHOD OF ANALYSES CONFORM TO REQUIREMENTS OF THE CODE OF FEDERAL REGULATIONS, 40 CFR, PART 136

Parameter	Analyzed	Method	Result	Units	Result Flags
CBOD		5210B	455	mg/L	
pH		SM	8.32	SU	
Phosphorus		EPA 365.3	.43	mg/L	
Susp. Solids			160.2	16	mg/L
Cadmium		SM	<.002	mg/L	
Total Mercury		SM	<.025	mg/L	
Total Nickel		SM	<.04	mg/L	
Total Lead		SM	<.005	mg/L	
Total Zinc		SM	<.05	mg/L	
Silica Gel / Hexane extraction		SM	4	mg/L	

Reported By: Bob Smith
Date: 9/23/2025

How It Works: Upload

Step 1 Drop PDFs or photos into your AI data extractor

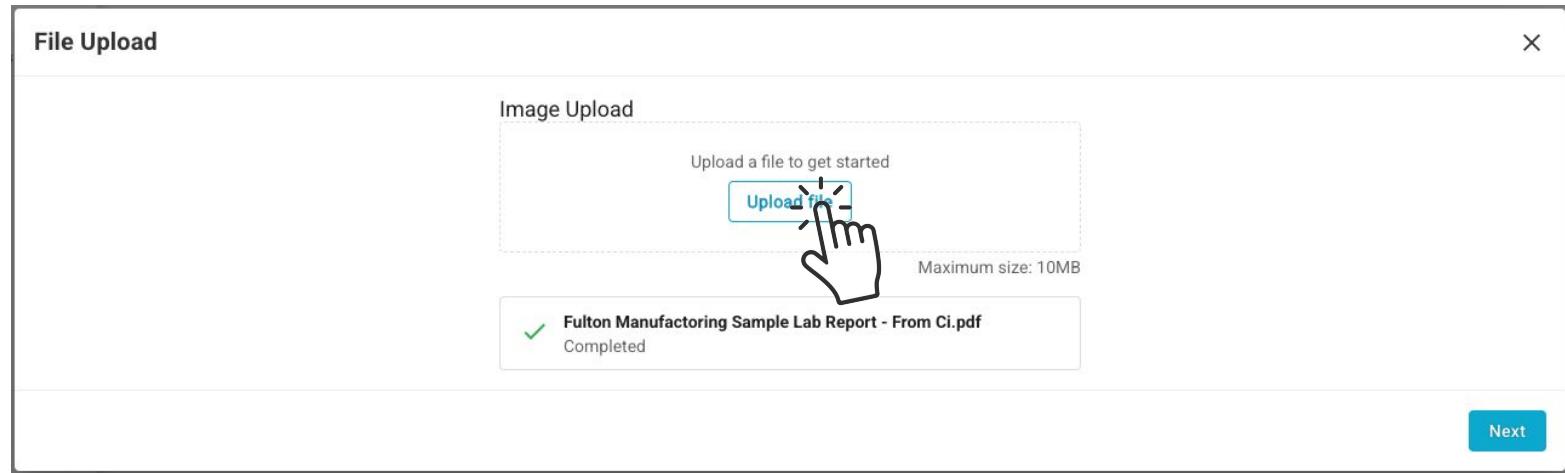


The screenshot shows the Mapistry interface for Fulton Manufacturing. The left sidebar contains navigation links for Analytics, Sites, Logs (selected), Records, Users, and Site Details. The main content area is titled 'FULTON MANUFACTURING All Logs > Wastewater Lab Results'. It displays a table of lab results with columns: Log Date, Sample Location, Analyte, Result, Units, Method, Flags, Sample Collector, Lab Results Conducted By, Date Analyzed, and Date Analyzed (dropdown). A 'Bulk actions' checkbox is checked. A 'Configure Log' button is in the top right. A 'Filter date range' button is in the top right. A 'Add Log data' button is in the top right. A 'Upload file' button is in the top right. A hand icon is pointing to the 'Upload file' button. The table data is as follows:

Log Date	Sample Location	Analyte	Result	Units	Method	Flags	Sample Collector	Lab Results Conducted By	Date Analyzed	Date Analyzed
12/15/2025, 3:20 PM	SP 001	Total Suspended Solids	48	mg/L	200.8				10/07/2025	Upload file
12/15/2025, 3:19 PM	SP 001	Cadmium, Total	.94	mg/L	SM		Bob Smith		10/07/2025	

How It Works: Upload

Step 1 Drop PDFs or photos into your AI data extractor



How It Works: Extraction

Step 2 Data is extracted by AI

Log Date	Sample Location	Analyte	Result	Units	Method	Flags	Sample Collector	Lab Results Conducted By	Date Analyzed	Actions
12/15/2025, 3:20 PM	SP 001	Total Suspended Solids	48	mg/L	200.8		Bob Smith		10/07/2025	⋮
12/15/2025, 3:19 PM	SP 001	Cadmium, Total	.94	mg/L	SM		Bob Smith		10/07/2025	⋮
09/15/2025, 8:30 AM	SP 002	Lead, Total	<0.005	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Carbonaceous Biochemical Oxygen Demand	455	mg/L	5210B		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Cadmium, Total	<0.002	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Nickel, Total	<0.04	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮

How It Works: QA

Step 3 Review the results and correct any mistakes

File Upload

Entry 1

Log Date * 09/15/2025 01:30

Sample Location * SP 002

Analyte * Carbonaceous Biochemical Oxygen Demand

Result * 455

Units * mg/L

Method * 5210B

Flags

Sample Collector Allie Janoch

Lab Results Conducted By Bob Smith

Date Analyzed 09/23/2025

Laboratory Analysis Summary

Parameter	Analyzed	Method	Result	Units	Result Flag
CBOD	5210B	455	mg/L		
pH	SM	8.32	SU		
Phosphorus	EPA 365.3	43	mg/L		
Susp. Solids	160.2	16	mg/L		
Cadmium	SM	<0.02	mg/L		
Total Mercury	SM	<0.025	mg/L		
Total Nickel	SM	<.04	mg/L		
Total Lead	SM	<.005	mg/L		
Total Zinc	SM	<.05	mg/L		
Silica Gel / Hexane extraction	SM	4	mg/L		

Reported By: Bob Smith
Date: 9/23/2025

Back Next

How It Works: QA

Step 3 Review the results and correct any mistakes

Fulton Manufacturing

Tasks

Inspections

Logs

Records

Users

Site Details

Analytics

Sites

Maps

Data Setup

FULTON MANUFACTURING

All Logs > Wastewater Lab Results

Configure Log

Records **Frequency Settings**

Bulk actions

Filter date range

Add Log data

Log Date	Sample Location	Analyte	Result	Units	Method	Flags	Sample Collector	Lab Results Conducted By	Date Analyzed	Actions
12/15/2025, 3:20 PM	SP 001	Total Suspended Solids	48	mg/L	200.8				10/07/2025	⋮
12/15/2025, 3:19 PM	SP 001	Cadmium, Total	.94	mg/L	SM		Bob Smith		10/07/2025	⋮
09/15/2025, 8:30 AM	SP 002	Lead, Total	<0.005	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Carbonaceous Biochemical Oxygen Demand	455	mg/L	5210B		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Cadmium, Total	<0.002	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Nickel, Total	<0.04	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Total Suspended Solids	16	mg/L	160.2		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Mercury, Total	<0.025	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Silica Gel / Hexane extraction	4	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Phosphorus, Total	0.43	mg/L	EPA 365.3		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	pH	8.32	SU	SM		Allie Janoch	Bob Smith	09/23/2025	⋮
09/15/2025, 8:30 AM	SP 002	Zinc, Total	<0.05	mg/L	SM		Allie Janoch	Bob Smith	09/23/2025	⋮

Roadmap

Product roadmap

What's next with Maple AI?

Coming in early 2026



Photos via the mobile app



Emails with attachments

Other AI Tools from Mapistry

AI Form Builder

A seamless way to transform static forms into dynamic digital workflows



Build



Review



Launch

Faster

Used internally to setup forms for customers
Coming to customers in early 2026

Customer Story

The Impact

Hours Saved and Real Time Operational Insights

Maple AI implementation helped our manufacturing client:

- Save 4 hours per week** for paint and welding data logging
- Standardized** readings
- Receive **alerts** when **approaching limits**
- Easy to share with **leadership overview**



"This is going to save me so much time, and every time that I have an inspector and I show them the things that we have in Mapistry, they are really happy. With this Maple AI setup now, I think they're going to be even happier."

- EHS Manager

AI Data & Privacy

- Mapistry uses OpenAI API. Data **cannot be used for their model training**
- **Customer owns output**
- Mapistry **can train and improve our AI** using the data
 - **Example:** Improve accuracy of data extraction from waste manifests

Maple AI Pricing

# of Locations	1 - 2	3 - 5	6 - 9	10 - 19	20+
Total cost per year	\$5,000	\$8,000	\$11,000	\$14,000	Custom

Need to be on the **Enterprise Tier**

License add-on **cost is total, not per location**

Setup fee (one-time) is **\$1,500 per application** (i.e. log)

Fine-tune model is additional setup and license cost

E-Manifest + Maple AI

# of Locations	1 - 2	3 - 5	6 - 9	10 - 19	20+
Total cost per year	\$6,000	\$10,000	\$16,000	\$20,000	Custom

Integration with EPA e-manifest (RCRAinfo) and waste manifest via Maple AI

Questions ???

Want more info?

Customers

Talk to your CSM sarah@mapistry.com or renald@mapistry.com

Everyone else

Reach out to ryan@mapistry.com or info@mapistry.com

What will be the impact on EHS with this AI?

BUSINESS NEWS

The white-collar layoffs have come to McKinsey

McKinsey's move lands with particular symbolic weight in white-collar America

By Catherine Baab Published 6 hours ago | Updated 1 hour ago

ECONOMY

AI-washing and the massive layoffs hitting the economy

PUBLISHED TUE, NOV 4 2025 8:16 AM EST | UPDATED TUE, NOV 4 2025 12:36 PM EST

Gabrielle Fonrouge [@IN/GABRIELLE-FONROUGE](#) Annie Palmer [@IN/ANNIERPALMER](#) Frank Holland [@IN/FRANK-HOLLAND](#) [SHARE](#) [f](#) [X](#) [in](#) [e-mail](#)

KEY POINTS

- Corporate giants Amazon, UPS and Target each announced layoffs in recent weeks totaling more than 60,000 jobs cut this year.
- In the absence of the Bureau of Labor Statistics' monthly jobs report, the layoff announcements have raised questions about the strength of the labor market and if it's the start of an AI-driven, white-collar recession.

Artificial intelligence are looking like likely signal concerns about consumer spending, according to

THE AI JOURNAL

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Home / Topics / AI / Future of AI / From Data Clerks to Analysts: How AI is Transforming Manufacturer's Compliance Teams

Future of AI AI

From Data Clerks to Analysts: How AI is Transforming Manufacturer's Compliance Teams

By Ino Tsichrantzi, Solutions Engineer, Mapistry

AIJ AIJ Thought Leader 5 November 2025 6 minutes read