

# The New Face of Industrial Stormwater Compliance Training

Introducing Mapistry eLearning



November 27, 2018



# Ryan Janoch, PE

Co-Founder of Mapistry

- State of VA BMP Committee (appointed)
- San Francisco Bay Area Air Quality Management District (BAAQMD) Hearing Board (appointed)
- Led NJDEP BMP testing regulation development
- National Committee for Stormwater BMPs with EPA



# Nicholas Avino

Senior Instructional Designer

- Developing custom eLearning courses for 10 years
- Department of Justice, Federal Bureau of Prisons, AutoNation, Mercedes-Benz, U.S. Soccer, Penn State, Thrive Academics, etc
- 2013-2018: Founded a business ranked in the top 10 custom eLearning providers
- Specializes in immersive learning

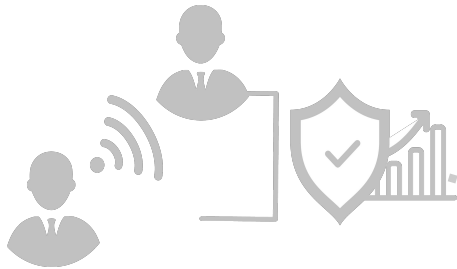
# Who is Mapistry?

# Compliance made simple

Next-gen cloud solutions for continuous risk  
reduction and compliance



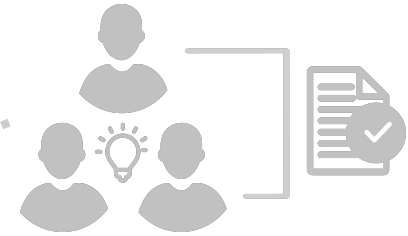
# Our Solution



## SUBJECT MATTER EXPERTS

### Stormwater, SPCC, and Hazardous Materials

Connect with a dedicated team of stormwater, SPCC, and hazardous waste subject matter experts, anytime. Whether it's a simple question or something more detailed like BMP design, risk assessment, completing mandatory permits, plans, inspections, or samples, we're here to help! Unlike consultants, we don't charge hourly, we're to help you succeed today and everyday.



## EDUCATION

### eLearning & In-Person Training

Access an abundance of learning & education opportunities including live and on-demand training sessions for beginners or advanced learners or get exclusive litigation research as well as critical industry trends and insights to keep your team informed and prepared to run best-in-class compliance programs.



## TECHNOLOGY

### Environmental Compliance Platform

Centralizing your compliance data, records, and history with Mapistry helps minimize costly risks while ensuring the integrity, effectiveness, and efficiency of your compliance programs. Some of the world's most innovative industrial manufacturers use Mapistry to achieve multi-site compliance.

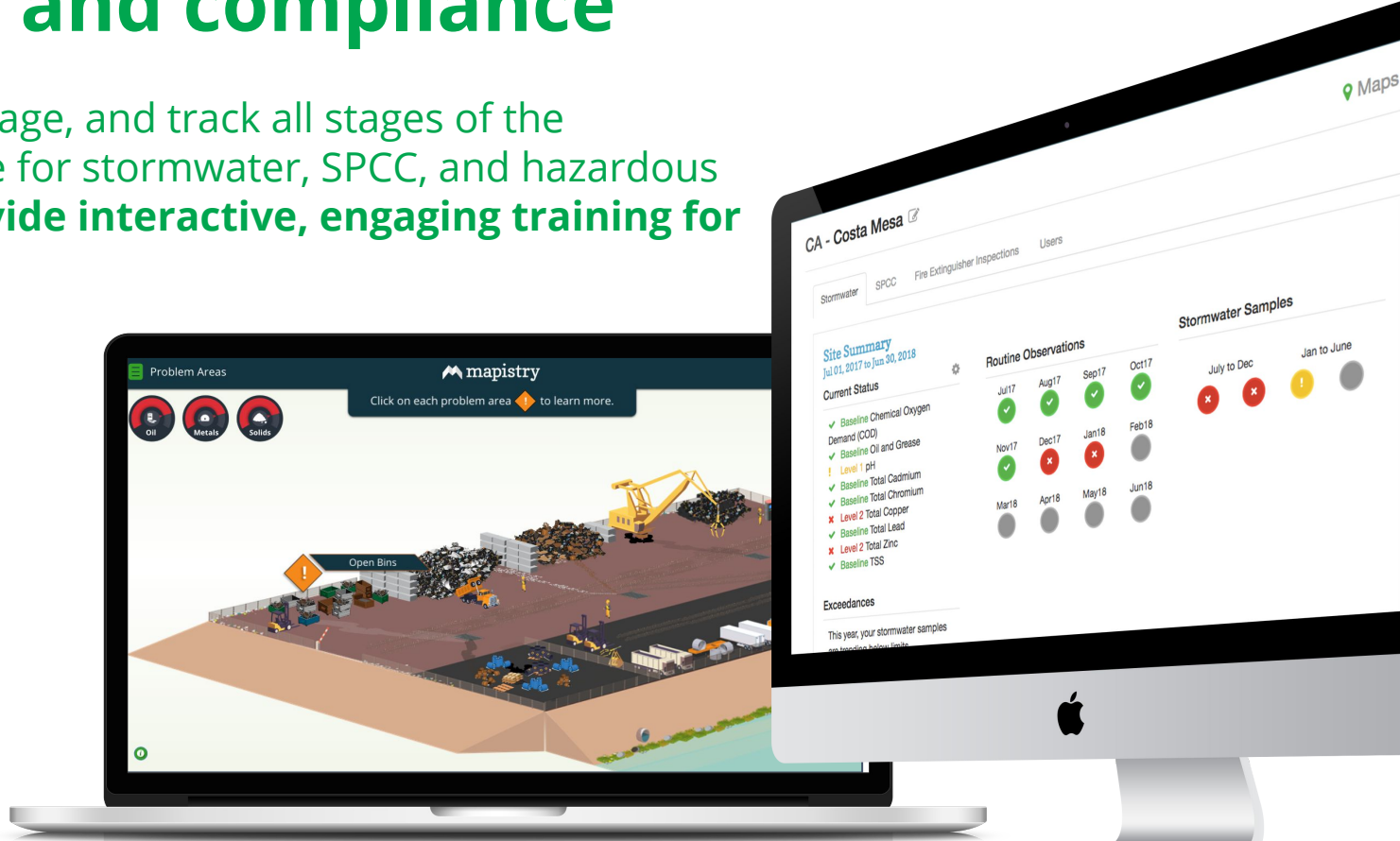
# Leading industrial manufacturing companies use Mapistry solutions

Trusted By:



# Single platform for continuous risk reduction and compliance

Easily capture, manage, and track all stages of the compliance lifecycle for stormwater, SPCC, and hazardous materials **plus provide interactive, engaging training for your employees!**





**Does your compliance program  
measure up?**



**CONFUSED?**



**DEMONSTRATE**

## Issue #2

Not properly training employees

# How we do in-person training today!

# Training



# How Mapistry's eLearning Effectively Trains Your Staff and keeps them engaged





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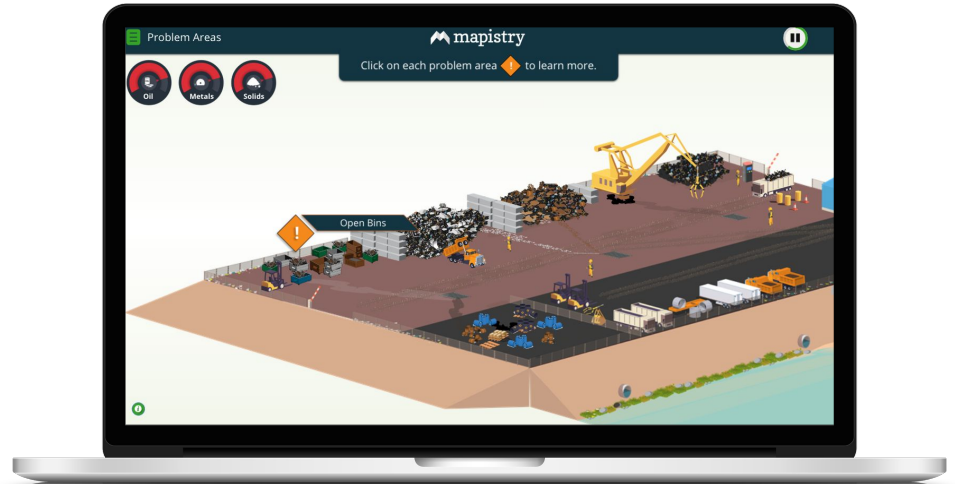
# What is eLearning?

# “Training” vs. eLearning

“Powerpoint Karaoke”

- Text only
- Reading directly from the slide
- No interaction
- No learning
- ZzZ and daydreaming

What we do at Mapistry!







# Mapistry eLearning is....

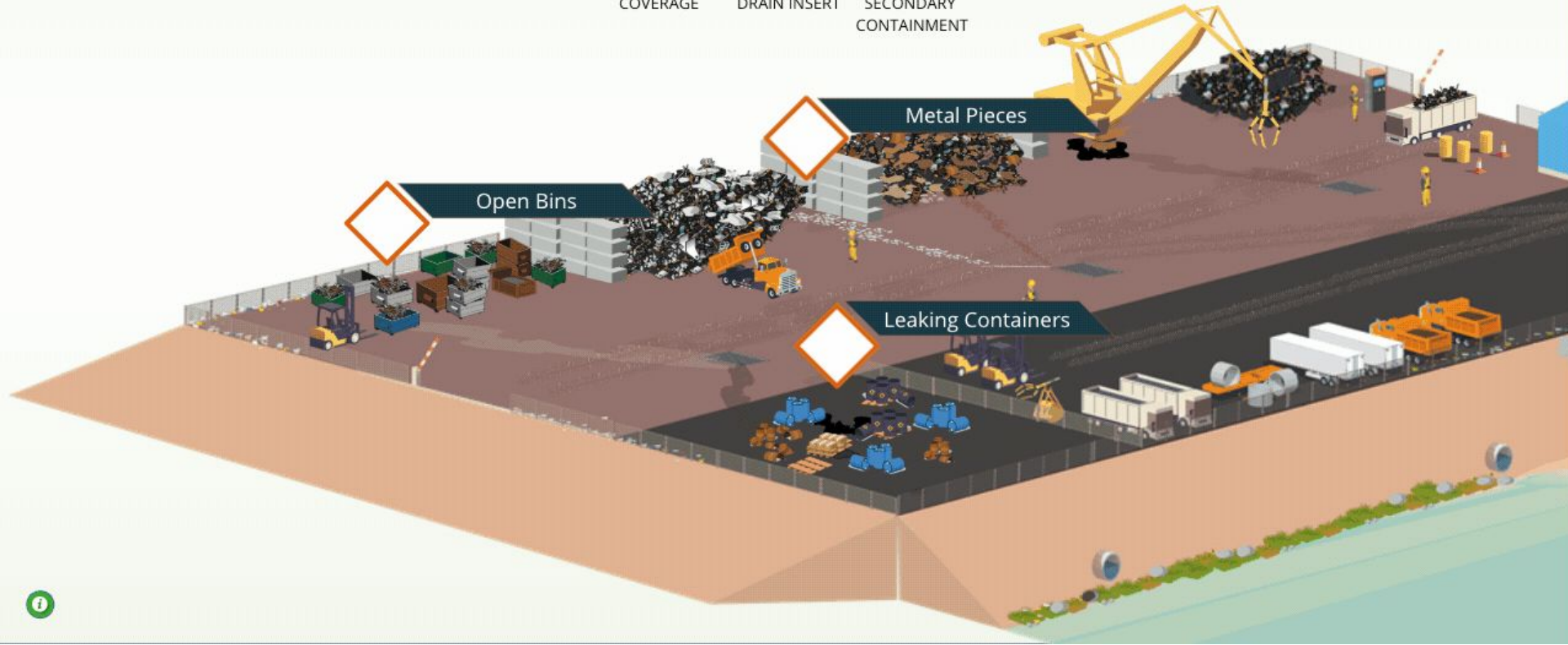
**interactive** & engaging

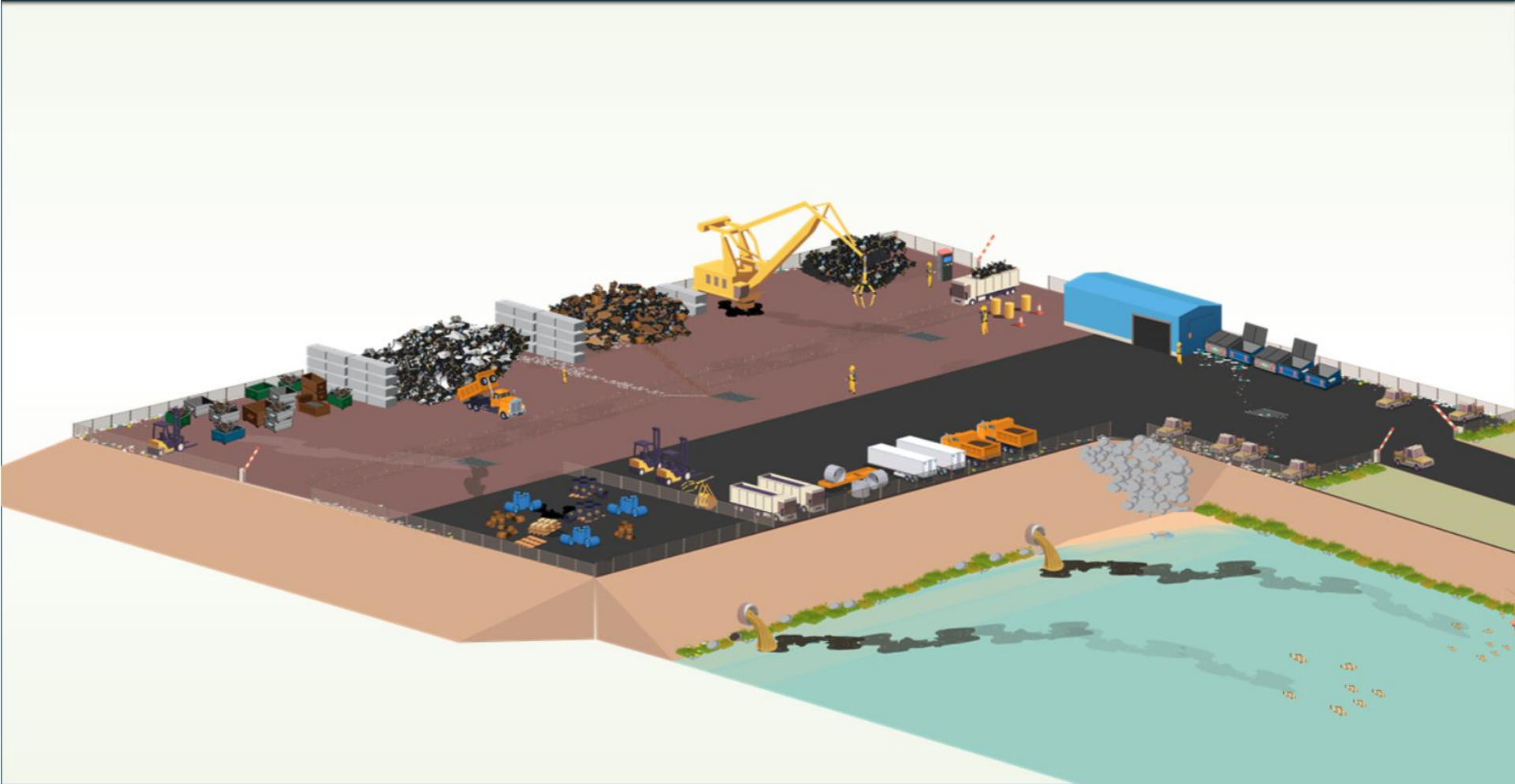
company or **industry-specific**

a solution to **reduce risks**

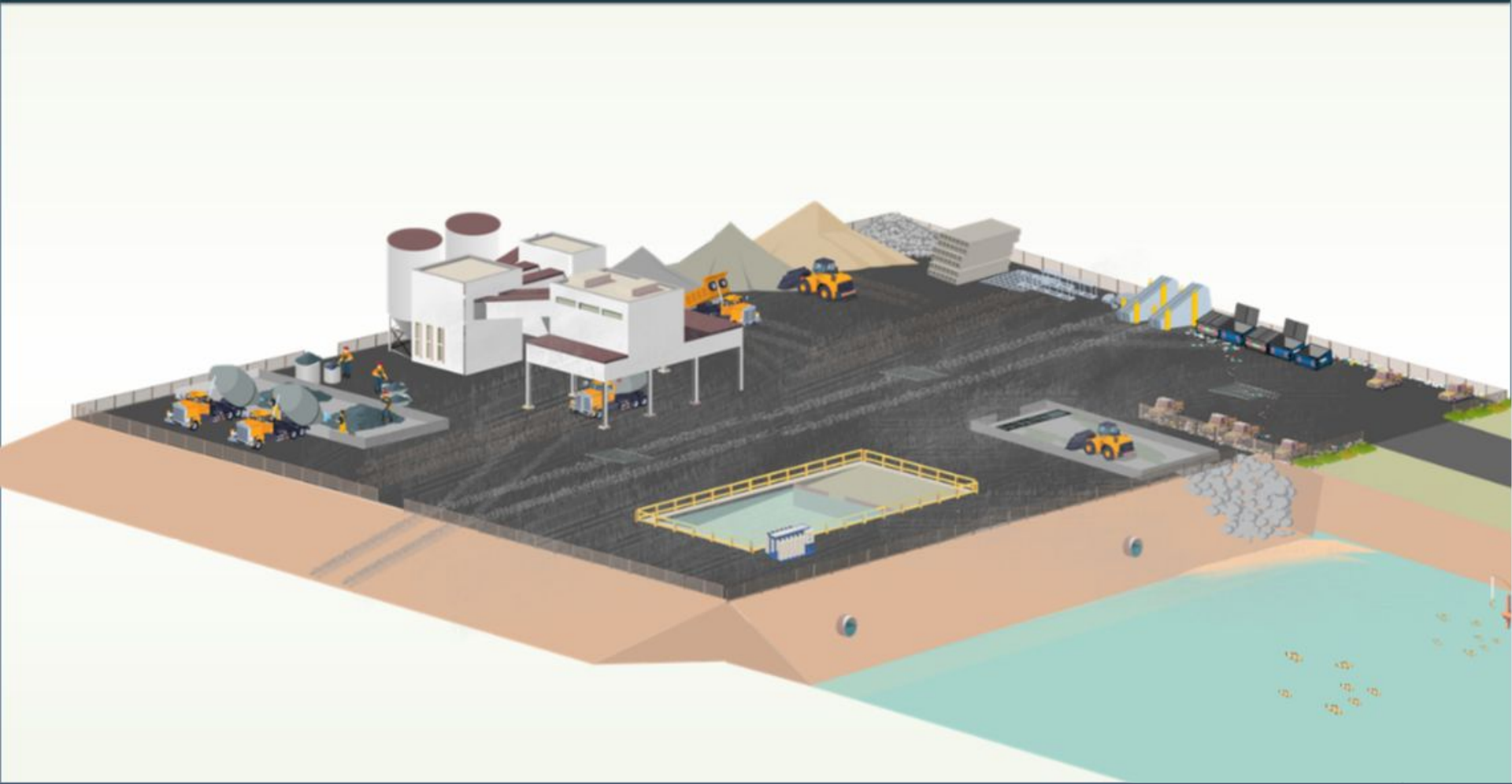


Drag and Drop each BMP  →  on a dirty area of your site.









Welcome **mapistry**

**mapistry**  
STORMWATER AWARENESS

Prevent water pollution

Avoid fines

20 minutes

Progress saved automatically

Certificate of Completion

No Dumping **mapistry**

Your Industrial Site **mapistry**

\$53,484 per day

Metals

\$53,484 per day

Solids

\$53,484 per day

Oil

When it Rains **mapistry**

**Pollutants: Your Recycling Facility**

Oil

Metals

Solids

Problem Areas **mapistry**

Click on each problem area to learn more.

OPEN BINS

What Where Impact

Bins contain metal bits, cuttings, and other trash. These bins are used for recycling and waste.

Best Management Practices **mapistry**

Click on each BMP to learn more.

**DRAIN INSERT**

Storm drain inserts are filters used to help keep sediment and metals out of stormwater. Some are made from filter fabric and others are more permanent and can be filled with absorbents to catch oil and metal before it goes down your drain.

Site Clean Up **mapistry**

Drag and Drop each BMP on a dirty area of your site.

It's Raining Again **mapistry**

Quiz **mapistry**

Choose One

You can dump pollutants down a storm drain as long as there is no sign that says "No Dumping".

True

False

**Submit**

# Why We Do It This Way

There are three types of learners and all different levels of ability

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## Visual

Learn through spatial explanation, graphics, color



## Auditory

Learn by listening and/or with musical aid



## Kinesthetic

Learn by doing, touching, practicing, and rehearsing

# Psychology of eLearning

Why it is more effective than traditional learning

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## **Establish Motivation and Relevance**

**Microlearning**

**Self-paced Learning**

**No Classroom Stress**

**Gamification**







Click on each BMP to learn more.



COVERAGE



DRAIN INSERT



SECONDARY CONTAINMENT

## DRAIN INSERT

Storm drain inserts are filters used to help keep sediment and metals out of stormwater. Some are made from filter fabric and others are more permanent and can be filled with absorbents to catch oil and metal before it goes down your drain.





Choose One

You can dump pollutants down a storm drain as long as there is no sign that says “No Dumping”.

- True
- False

Submit

# Problems solved with eLearning

Common problems that may be occurring in your environmental program



## High cost of traditional training

Overtime

Travel

Shutdowns

Missing people

Knowledge transfer

Training overhead (materials/space/etc)

# Conclusion

What Mapistry's eLearning Can Do For Your Environmental Program

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## Save Time/Money

Significant cost savings (up to 10-20x less)



## Enhance Learning

Increase productivity,  
increase learning retention



## Make Life Easier

No headaches associated  
with traditional training

# Demo Mapistry eLearning

<https://stormwaterawareness.academy.mapistry.com>

**QUESTIONS?**

**(800) 553-7420**

**INFO@MAPISTRY.COM**