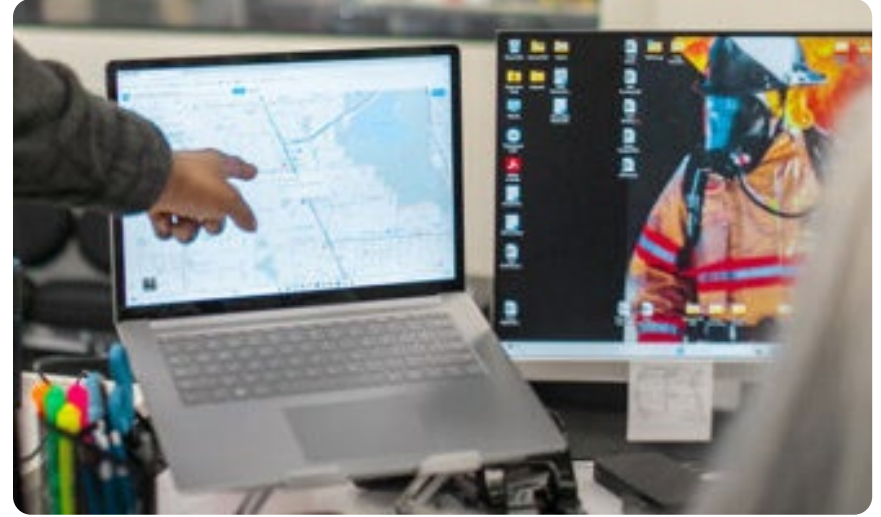




COMPLIANCE FOR PROFESSIONALS
BY PROFESSIONALS



From Site To Facility:

Building Efficiencies into Construction and Industrial Stormwater Compliance

Training Objectives:



- History of the CWA – Why we are here today?
- Compliance workflow both Construction and Industrial
 - How to leverage technology
 - SWPPP Management
 - Inspections
 - Corrective Actions
 - Monitoring Cycles
 - Record Keeping



Regulatory History:

- In 1948
 - Congress passed the First version of the **FEDERAL WATER POLLUTION CONTROL ACT... the Clean Water Act**
- In 1970
 - Richard Nixon formed a new branch of government known as the EPA.
- In 1972
 - A significant Amendment to the **FEDERAL WATER POLLUTION CONTROL ACT**
 - established the...
 - **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**
- In 1987 and 1990
 - **Amendments to the CWA to include Section 402(p)**

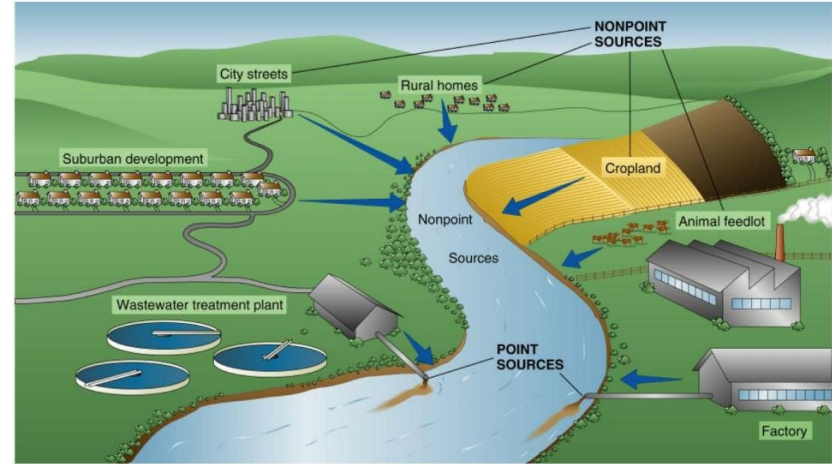


“the river that oozes rather than flows, and in which a person does not drown but decays” Time Magazine 1969

Regulatory History:

- **Point Source**
 - **Primary focus on NPDES**
 - **Sewage Plants**
 - **Industrial Facilities**
- **Non-Point Source**
 - **Section 319 in 1987**
 - **Agriculture**
 - **Irrigation return flows**
 - **Urban Stormwater Management**
- **402(p) Added Stormwater in 1987**
- **Phase I in 1990**
- **Phase II in 1999**

Point Source and Non Point Source Pollutants

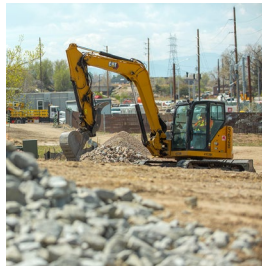


Copyright © 2005 Pearson Prentice Hall, Inc.



Construction General Permit Versus Multi Sector General Permit :

- Both permits are built on technology-based effluent limits, BAT, requiring operators to minimize pollutant discharges using control measures that are technologically available and economically practicable, with water quality-based limits layered on where receiving waters demand it.
- Both permits give you flexibility in *how* you control pollutants; you choose and adapt your BMPs. Where they diverge is measurement. Industrial fixes it: mandatory sampling, on a schedule, against numeric benchmarks, for the life of a permanent facility. Construction is primarily observation driven. A qualified person exercising judgment, with sampling only under specific triggers, on a site that won't exist in a year.



Construction Compliance is “Observed”



Industrial Compliance is “Measured”



Two Operating Models:



- **Project**

- **Has an end date; time bounded.**
 - Ends at Final Stabilization
- **The site is Living**
 - The site is physically different at each inspection.
- **Purposeful Ambiguity**
- **Compliance is measured by its ability to not discharge pollutants and sediment laden water to the maximum extent practicable.**
- **Designed by good hydrologic and engineering practices**
- **Several trades onsite constantly that are not staff, reduces overall site control**

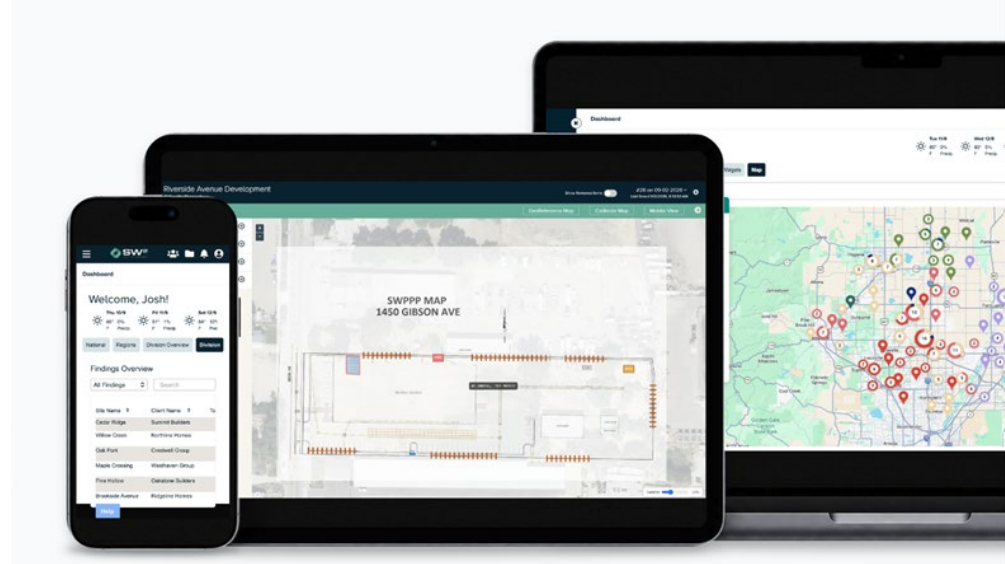
- **Facility**

- **The facility is perpetual.**
 - May extend from generation to generation
- **Permit Term bounded**
- **The facility may look and operate the same for twenty years**
- **Compliance is measured through sampling, ambiguity largely removed.**
 - You are either within the permit limits, or you are not.
 - Exceptions benchmark monitoring.
- **While the plan may be updated it is stagnant with the facility.**
 - Can lead to operational drift.

How do I leverage technology



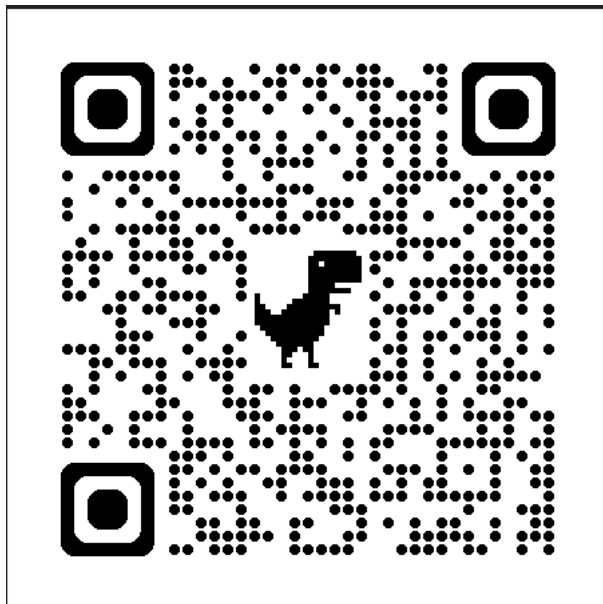
- Just like any trade, the right tools allows you and your program improve. In stormwater, the tool must fit the way the work moves; field to office, storm to record, permit to proof.
- Technology can help both a project and a facility but do it in different ways, against different permit requirements.
- One size does NOT fit all here, but there are similarities.



I need a system to track, organize and process my data:



- In 2012 the EPA released the E-NOI
 - This was the first step towards going paperless
 - Now almost every jurisdiction allows or requires a digital solution
- Don't take the position that technology or AI will take your jobs. We need the human to be the expert. Your goal is to leverage technology increasing compliance and efficiencies.
- Cloud based, solution in app or QR codes.
- I need a system that can be nimble for variable industries and permit,
 - Today we will review EPA; however, everyone will likely be operating under different permit conditions that refresh every 5 years.



It's time to go digital:



- **What do I want Digitally:**
 - SWPPP
 - Site Maps
 - Inspection Reports
 - Sampling Data
- **Now I have clean records, no more SWPPP sitting on shelf collecting dust at a facility or worse ending up in a dumpster at the end of a project**



shutterstock.com • 1271375524

Permit Tracking:



From the Dashboard:

Permits

Site Name ↕	Client Name ↕	Permit Type ↕	Permit Number ↕	Contact ↕	Expiration Date ↕	Action
Small Facility Demo	DEMO	Other - DMR Submittal	DRM Reminder	N/A	04-02-2026	View Permit
Mock Street Construction Project	DEMO	Construction General Permit	COR4011	N/A	04-29-2026	View Permit
Storm Sewer Improvement	DEMO	Construction General Permit	123456789	N/A	06-10-2026	View Permit
Land Development Demo Project	DEMO	Construction General Permit	MN4011	N/A	01-31-2027	View Permit

From my Documents folder:

Permits ⓘ

[Organize](#)

Name	Status	Created	Issued	Expires	
☐ Dewatering Permit.pdf	Expired	03-26-2026	06-01-2025	08-27-2026	≡
☐ BMPsErosionControlLogging.pdf	Expired	03-26-2026	03-26-2026	04-02-2026	≡

Document Storage:



- Custom name folders
- Create subfolders
- Easily move folders around

Projects ▸ 000 - TYPE Demo ▾ Matt's Division ▾ Josh Downey ▾

000 - TYPE ACTIVE ▾ Show Forecast ⋮

Client - Arizona

200 Acres

All Inspections **Project Documents** BMP Details Active Site Map Contacts Findings Site Photos Reports Project Settings

Search Documents...

SWP Narrative/Maps Organize ⋮ 📁

Name	Type	Created	Updated	
☐ 4a315e19-cafa-4139-9f59-f3c3d7eb327a.pdf	pdf	07-14-2026	07-14-2026	⋮
☐ 1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	pdf	07-14-2026	07-14-2026	⋮

Permits 1 Organize ⋮ 📁

Name	Status	Created	Issued	Expires	
☐ 4a315e19-cafa-4139-9f59-f3c3d7eb327a.pdf	Inactive	07-14-2026	NA	NA	⋮
☐ 1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	Inactive	07-14-2026	NA	NA	⋮

Regulations Organize ⋮ 📁

Name	Type	Created	Updated	
CERTIFICATION				
☐ 1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	pdf	07-14-2026	07-14-2026	⋮
GUIDANCE DOCUMENTS				

SWPPP Management:



■ Riverside Avenue Development **ACTIVE** Show Forecast ⓘ

■ Riverside Construction

📍 5667 Riverside Drive, Columbus, OH 43212

■ 000BDR549 ■ 5 Acres

All Inspections **Project Documents** BMP Details Active Site Map Contacts Findings Site Photos Reports Project Settings

Search Documents...

SWP Narrative/Maps Organize ⓘ ⓘ

Name	Type	Created	Updated
☐ Sample SWPPP.pdf	pdf	03-24-2026	09-11-2026

Permits ⓘ

Name	Status	Created	Issued
☐ Dewatering Permit.pdf	Expired	03-26-2026	06-01-2025
☐ BMPsErosionControlLogging.pdf	Expired	03-26-2026	03-26-2026

04-02-2026

● Project

- **Living document by design, the site keeps changing.**
 - Maps updated on almost every inspection
- **Need version history and amendment trail**

● Facility

- **Amended when the facility changes, much rarer.**
 - Can create environment where the SWPPP stays on the shelf.
 - CA 5.1.1 and 5.1.2
- **Needs version history and amendment trail**
- **Corrective Actions and Additional Implementation Measures (AIM)**

I need to edit my SWPPP Narrative:



☐ Permeable Pavement – Extended Detention

☐ Detention

☐ Sand Filter - Extended Detention

☐ Permeable Pavement – Infiltration

☐ Underground Storage Facility – Infiltration

☐ Other BMP on disturbance less < 2 acres:
[Describe BMP](#)

Rationale for Practice Selection

The rationale shall address the anticipated impacts on the channel and floodplain morphology, hydrology, and water quality

SECTION 8: OTHER POLLUTANT CONTROLS

No solid (other than sediment) or liquid waste, including building materials, shall be discharged in stormwater runoff. BMPs must be implemented to prevent the discharge of non-sediment pollutants to the drainage system of the site or surface waters of the state or an MSA as follows.

8.1 DEWATERING AND GROUNDWATER CONTROL

There shall be no turbid discharges to surface waters of the state resulting from dewatering activities. Trench or groundwater that contains sediment shall pass through a sediment settling pond, filter bag, or other equally effective sediment control device. Groundwater that does not contain sediment or other pollutants is not required to be treated prior to discharge; however, care must be taken that discharging groundwater does not become pollutant-laden by traversing over disturbed soils or other pollutant sources.

Description	Insert Description of Dewatering and Groundwater Control Plan (including locations or plan sheet references)
Installation Timing	Insert Description of Install
Maintenance	Insert Maintenance Requirements
Responsible Party	Insert Party Responsible for Installation and Maintenance

14

8.2 WASHOUT OF CONCRETE, STUCCO, PAINT, AND OTHER MATERIALS

Under no circumstance shall wastewater from the washout of concrete trucks, stucco, paint, form release oils, curing compounds, and other construction materials be discharged directly into a drainage channel, storm sewer, or surface waters of the state.

Description	Insert Description of Washout Control Plan (including locations or plan sheet references)
Installation Timing	Insert Description of Installation Timing
Maintenance	Insert Maintenance Requirements for the Practice
Responsible Party	Insert Party Responsible for Installation and Maintenance

8.3 FUELING AND MAINTENANCE OF EQUIPMENT OR VEHICLES

Comments (16)

Sort: Position

SWP3 writer as t...more

T

smcloughlin@sw2.net

Apr 24, 11:30 AM

Hello

smcloughlin@sw2.net

Apr 6, 2:25 PM

This is Seans Comment

T

smcloughlin@sw2.net

May 28, 10:41 AM

Hi there

smcloughlin@sw2.net

Mar 24, 2:25 PM

Page 15

jdowney@sw2.net

Sep 11, 12:27 PM

Cancel

Save



Do my site maps match my site:



Riverside Avenue Development
GIS with Planset

Show Removed Items ☐ #29 on 09-10-2026
Last Saved: 9/10/2026, 11:46:44 AM

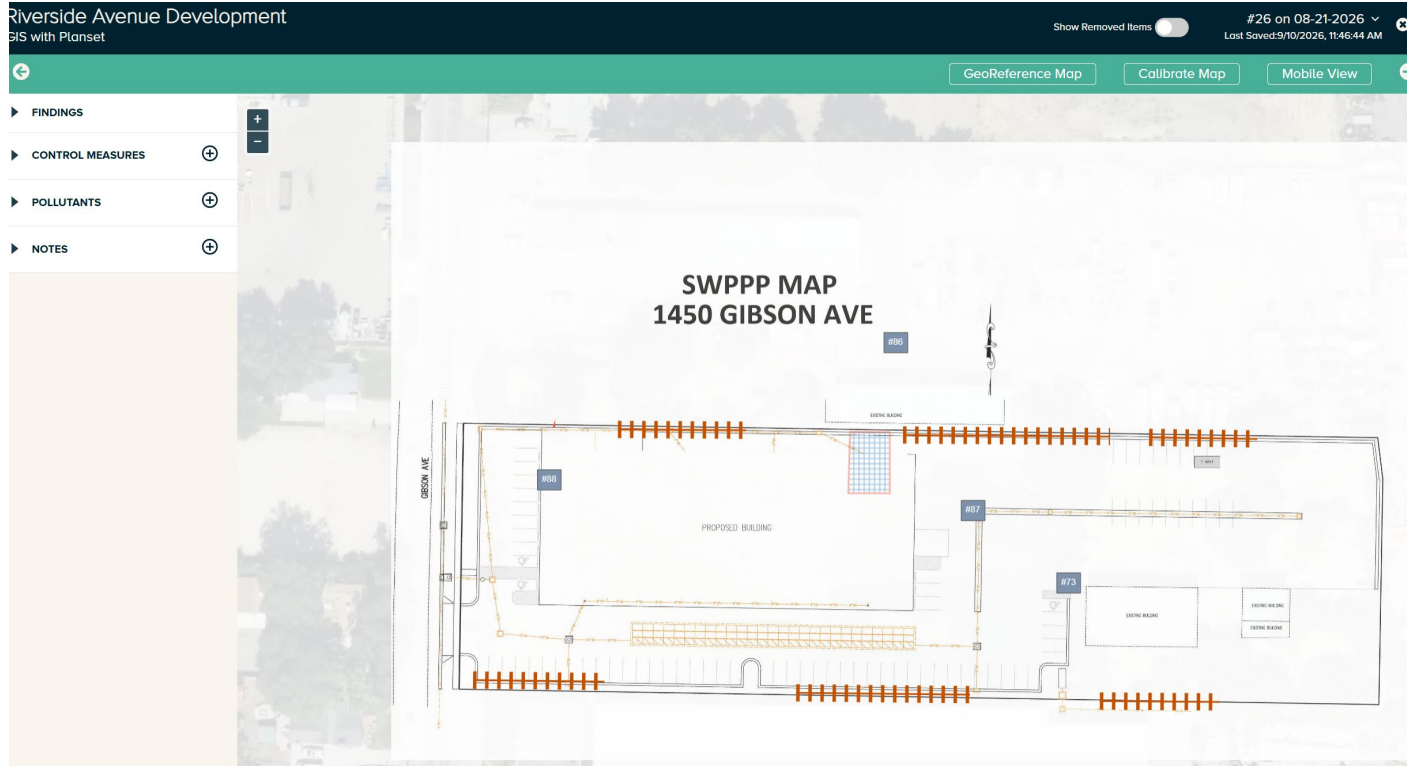
Undo

GeoReference Map Calibrate Map Mobile View

- FINDINGS
- CONTROL MEASURES
- POLLUTANTS
- NOTES

SWPPP MAP
1450 GIBSON AVE

But what did it look like last month?:



Site Map Log:



Riverside Construction
5667 Riverside Drive, Columbus, OH 43212
000BDR549 5 Acres

- All Inspections
- Project Documents
- BMP Details
- Active Site Map
- Contacts
- Findings
- Site Photos
- Reports
- Project Settings

Site Map Log

Control Measures

At Grade Inlet Protection		AGIP			
At Grade Inlet Protection-1	Final-Plat-Silver-Slope-Part-Two-cropped.jpg	added	SM	04-15-2026	
At Grade Inlet Protection-2	Final-Plat-Silver-Slope-Part-Two-cropped.jpg	added	SM	04-15-2026	

At Grade Inlet Protection		AGIP			
At Grade Inlet Protection-1	Final-Plat-Silver-Slope-Part-Two-cropped.jpg	added	SM	04-15-2026	
At Grade Inlet Protection-1	subdivision-plan.png	added	SM	06-01-2026	
At Grade Inlet Protection-2	GIS Only	added	MM	09-02-2026	

Berm ESC		++++			
Berm ESC-1	plot map washintong.jpg	added	SM	03-27-2026	
Berm ESC-1	plot map washintong.jpg	added	SM	04-20-2026	
Berm ESC-1	plot map washintong.jpg	added	SM	04-24-2026	
Berm ESC-1	plot map washintong.jpg	added	SM	05-22-2026	
Berm ESC-1	plot map washintong.jpg	added	SM	05-28-2026	

[Show More](#)

What about my Control Measure Cut Sheets:



ONE CLICK COMPLIANCE

Dashboard

Client

Project

Regulations

Legend Item

Asset Types

Users

Divisions

Inspection Templates

User Manuals

Reports

Administration

Subscription

Projects ▸ 000 - TYPE

Demo ▾

Matt's Division ▾

Josh Downey ▾

000 - TYPE

ACTIVE ▾

Client - Arizona

200 Acres

All Inspections

Project Documents

BMP Details

Active Site Map

Contacts

Findings

Site Photos

Reports

Project Settings

Search Documents...

SWP Narrative/Maps

Organize

Name	Type	Created	Updated	
☐ 4a315e19-cafa-4139-9f59-f3c3d7eb327a.pdf	pdf	07-14-2026	07-14-2026	
☐ 1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	pdf	07-14-2026	07-14-2026	

Permits ⓘ

Organize

Name	Status	Created	Issued	Expires	
☐ 4a315e19-cafa-4139-9f59-f3c3d7eb327a.pdf	Inactive	07-14-2026	NA	NA	
☐ 1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	Inactive	07-14-2026	NA	NA	

Regulations

Organize

Name	Type	Created	Updated	
CERTIFICATION				
1ae88ebb-daa5-40f0-9a5f-ec3264b69cd1.pdf	pdf	07-14-2026	07-14-2026	
GUIDANCE DOCUMENTS				

What about your Substantially Identical Discharge Points (SIDP) and Outfalls:



Label each SIDP
1, 2 or 3 and track
visual and
sampling locations
throughout the
year to ensure you
do it the right way.



Inspections:



- **Project**
 - **Permit frequencies are driven by frequently changing site conditions and rain triggers**
 - Calendar frequency
 - Rain triggers
 - **Qualified person exercises judgment**
 - **Continually evolving site**

- **Facility**
 - **Routine facility inspection quarterly.**
 - Quarterly window; storm events dictate the window for sampling
 - One must occur during discharge
 - **Quarterly visual – no lab**
 - assess color, odor, clarity, floating and settled solids, foam, and oil sheen
 - **Annual Benchmark/indicator sampling - lab**

Inspection Reports:



- **Construction:**
 - **Tied to routine inspections**
 - Once every 7 calendar days
 - Once every 14 calendar days and after a 24hr storm event with 0.25" or more.

Welcome, Josh!

 **Tue 15/9**
75° 19%
F Precip.

 **Wed 16/9**
83° 38%
F Precip.

 **Thu 17/9**
79° 58%
F Precip.

 **Fri 18/9**
82° 50%
F Precip.

 **Sat 19/9**
77° 69%
F Precip.

 **Sun 20/9**
75° 27%
F Precip.

 **Mon 21/9**
76° 22%
F Precip.

- National
- Regions
- Division Overview**
- Divisional Widgets
- Map



Precipitation

ADD TO SCHEDULE

Search

Site Name ↕	Client ↕	09-11-26 Rain / Snow	09-10-26 Rain / Snow	Action
 Riverside Avenue Development	Riverside Construction	0.06" / - ▾	0.11" / - ▾	Start Inspection

Inspection Reports:



Industrial: Monitoring & Sampling

- Quarterly inspection mandatory
- The quarter is the window; the storm is the moment. You owe a sample each quarter, but only a *measurable storm event* triggers it — precipitation that actually produces a discharge, at least 72 hours after the last one.
- Catch it in the first 30 minutes. Sampling begins within 30 minutes of discharge (or document why not) during normal operating hours.
- Two sampling tiers, different clocks:
 - Benchmark — quarterly
 - Numeric thresholds; exceedance triggers corrective action, not a violation.
 - Indicator — quarterly, every year of the permit. Report-only, no threshold.
- Plus, visual assessment, quarterly, every quarter. A grab sample you examine by eye. Never goes to a lab.

Welcome, Sean!

Mon 14/9 73° 0% F Precip Tue 15/9 84° 0% F Precip Wed 16/9 88° 35% F Precip Thu 17/9 88° 34% F Precip Fri 18/9 83° 30% F Precip Sat 19/9 83° 30% F Precip Sun 20/9 79° 46% F Precip

National Regions Division Overview **Divisional Widgets** Map

My Projects

Search

Site Name	Client Name	Due Date	Action
☐ Land Development Demo Project	DEMO	08-07-2026	Post Due ⬇
☐ Land Development Demo Project	DEMO	08-21-2026	Post Due ⬇
☐ SUNVOLT SOLAR	ACME Renewable	09-03-2026	Post Due ⬇
☐ New Home Construction	Woodbridge Partners	09-09-2026	Post Due ⬇
☐ Storm Sewer Improvement	DEMO	09-09-2026	Submit
☐ Homestead Addition	Riverside Construction	09-09-2026	Post Due ⬇
☐ Riverside Avenue Development	Riverside Construction	09-14-2026	Finish ⬇
☐ Homestead Addition	Riverside Construction	09-16-2026	View Project

Must have ability for multiple forms per facility:

[Add New Inspection](#)

Inspection Form Type	Name	Inspector	Inspection Interval	Next Due Date	Include	Actions
SWP	AZDEQ - 2013 CGP Routine Inspection Report Form	Josh Downey	91 days	11/27/2026	☒	Edit
Walkthroughs	New Template One	Unassigned	4 days	9/15/2026	☒	Edit
Dewatering	Sample Oyster	Josh Downey	31 days	9/15/2026	☒	Edit

Inspection Reports you need a system that covers you:



- **Construction:**
 - One form gets it done
- **Permits update in variable jurisdictions every 5 years, this requires ability to constantly update and change your form.**
- **Industrial:**
 - Multiple forms for different tasks
 - Inspection
 - Water Sampling w/ results
 - SPCC (often included)
 - Asset Tracking

Minnesota Industrial Inspection Form

Builder Certification Findings

Minnesota Industrial Inspection Form

Edit Inspection Template

QUESTIONS & STRUCTURE

+ Add Group

Condition Group

Apply Condition Group

Header

Footer

01 Facility Information 5 FIELDS

02 Inspector Information 5 FIELDS

03 Have the following areas been inspected at... 6 FIELDS

04 Evaluate stormwater management methods 19 FIELDS

05 New materials and activities 11 FIELDS

06 Runoff Inspection 5 FIELDS

07 Oil and grease runoff inspection (if applicab... 7 FIELDS

08 Perennial Pesticides/Unapproved Substances (PFAS) 5 FIELDS

PDF LAYOUT

✓ All changes saved Save Logout Preview PDF

Orientation

Portrait Landscape

Margins

Narrow Normal Wide

Page no.

None

Border

None

Zoom

100%

Facility Information

Facility name:

Facility address:

City: State: Zip code:

Inspector Information

Inspector name: Date and time:

Weather: Reason:

Inspector has been trained to do inspections?

Have the following areas been inspected at your facility?

a. Bulk storage areas (tanks, drums, fuels, pallets, etc.)

b. Waste storage and disposal areas

c. Maintenance areas

d. Loading/unloading or shipping/receiving areas

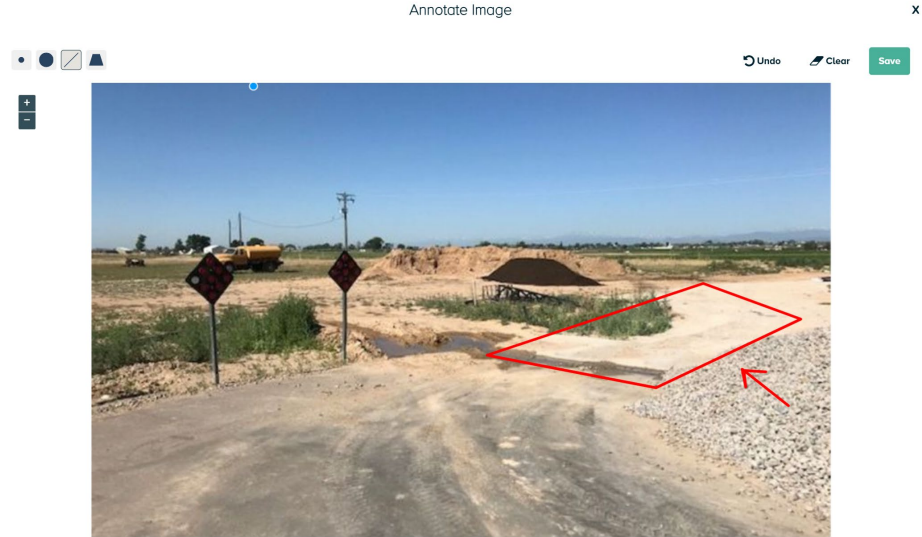
e. Raw material, intermediate product, by-product and final product storage areas

Evaluate stormwater management methods

Inspection Reports you need a system that covers you:



- Being able to take photos of findings eliminates the guess work out of what needs to be done.
- Ability to annotate is critical
- Upload corrective action photos taking your corrective actions cradle to grave.



Geolocate your findings and assets:



- **Construction:**

- Tie findings to control measures
- Auto geolocate to your maps to ensure appropriate locations
 - Critical for LD and linear work

- **Industrial**

- Geolocate not only your findings with control measures but,
- Geolocate your assets
 - Track your assets over the course of the year to ensure you are ensuring the facility is running smoothly.

Asset Types

Demo ▾ Matt's Division ▾ Josh Downey ▾

Asset Statuses 3				+ New Status
NAME	COLOR	DEFAULT		
Active	#27AE60	SYSTEM DEFAULT		View
Flagged	#F59E0B	—		View
Removed	#EB5757	—		View

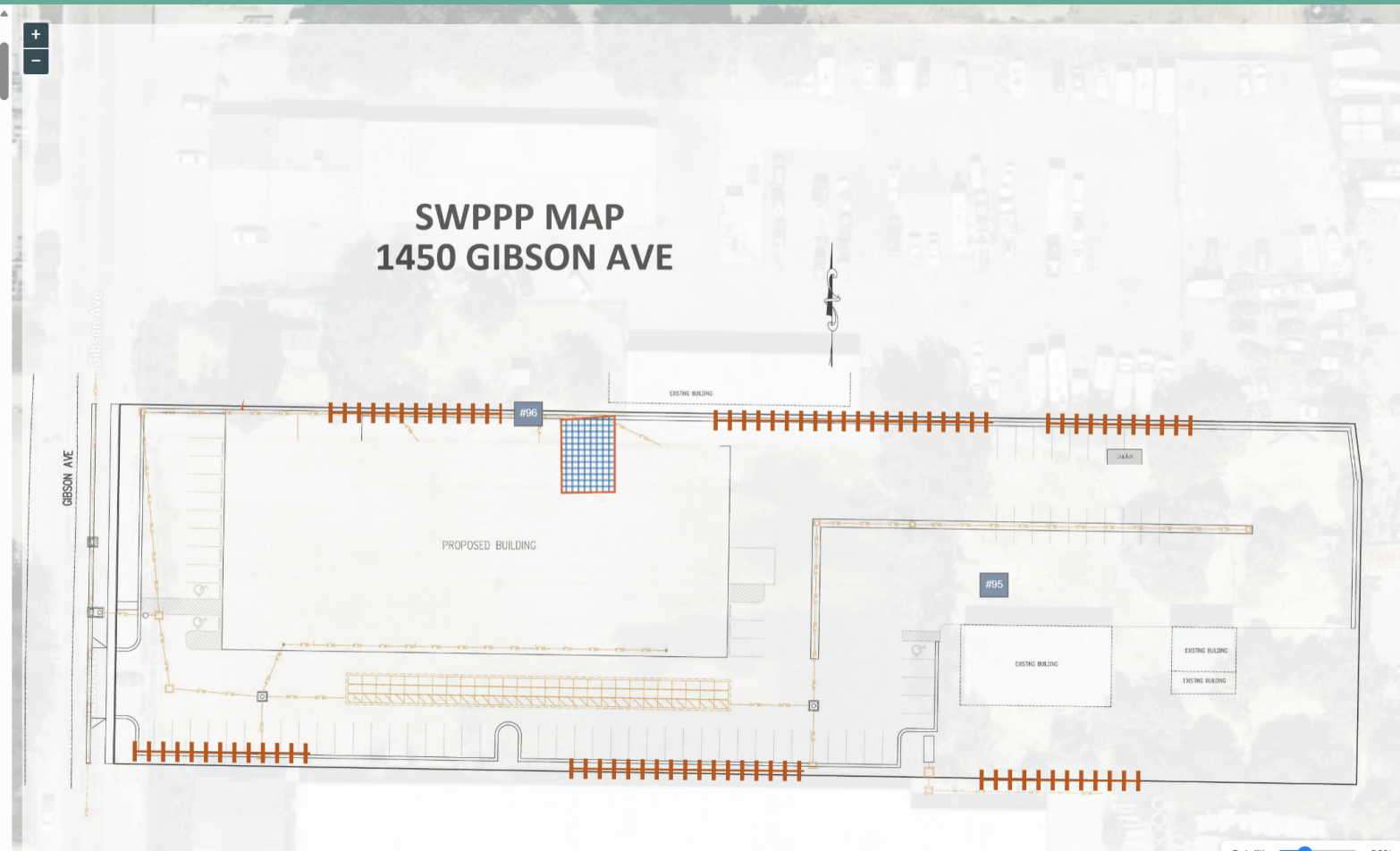
Asset Types 7				+ New Asset Type
CODE	NAME	DESCRIPTION	TYPE	
AST	Above-Ground Storage Tank	Above-ground storage tank for petroleum or chemical products	SYSTEM	View
IBC	Intermediate Bulk Container	Reusable industrial container for bulk liquids and materials	SYSTEM	View
DRUM	Drum Storage	Storage drums for petroleum, chemical, or hazardous materials	SYSTEM	View
OFE	Oil-Filled Equipment	Equipment containing oil such as transformers or hydraulic systems	SYSTEM	View
LTU	Land Treatment Unit	Land-based treatment unit for waste management	SYSTEM	View
OF	Outfall	—	CUSTOM	Edit
TATQ	Test Asset tracking one	Test asset tracking changes	CUSTOM	Edit



Your site is spatial so should your management platform:

- Geolocate, pictures, site maps, etc, you dream it its yours to track and create. No more obstacles.
 - Properly store and manage your projects data and documents
 - Your data has value, export desired data and determine what KPIs are critical to your success.
 - Leverage technology taking your team into the future.
 - A proper program with the proper tools ensures continued compliance so that you can continue operating uninterrupted while keeping our nations waterways Swimmable and Fishable.
- **Project**
 - This allow you to collect data on specific control measures over time, allowing you to leverage that data to improve compliance while reducing costs.
 - **Facility**
 - This allows you to track findings over a monitoring period, e.g. past year closing a gap that many inspectors miss.
 - Areas where spills and leaks occurred in the past 3 years

- 000 - dup test
- At Grade Inlet Protection
- At Grade Inlet Protection
- Berm ESC
- Berm ESC
- Combination Inlet Protection
- Combination Inlet Protection
- Concrete Washout Area
- Concrete Washout Area
- Construction Fence
- Construction Fence
- Construction Trailer
- Construction Trailer
- Construction Trailer



Monitoring Cycles:

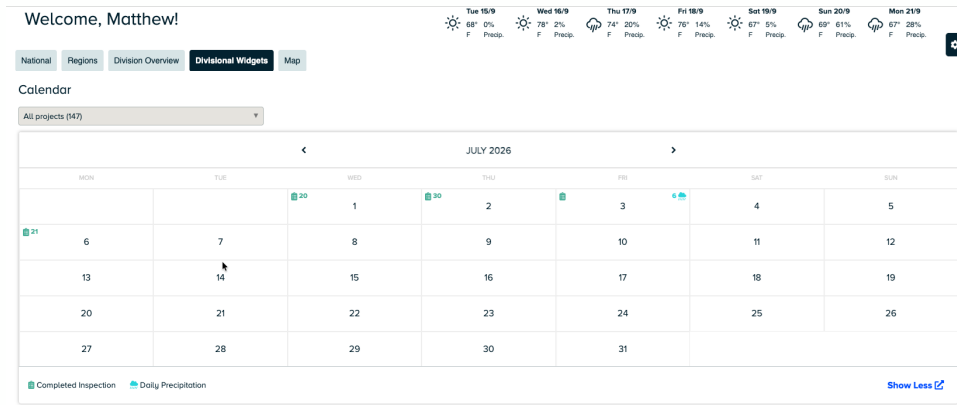


- **Project**

- Largely observational
- Some turbidity/monitoring dependent in individual permit conditions.

- **Facility**

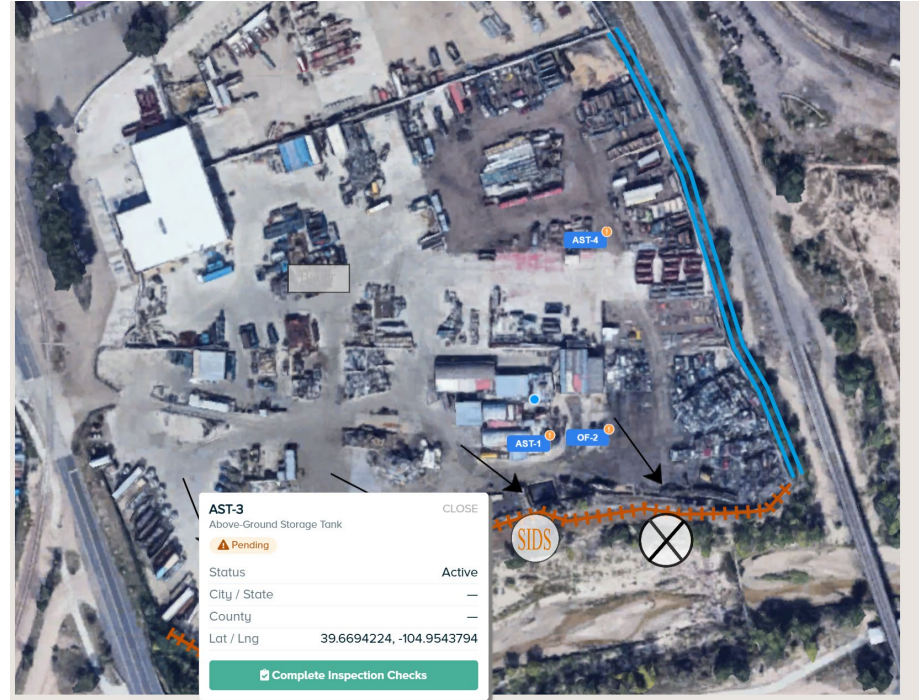
- **Observational plus measured:**
 - Analytical samples go to the lab and produce numbers that live in the permit record.
- **Must sample from measured storm event:**
 - Must collect within 30 minutes and no more than hour.
- **Sample every outfall accept substantially identical (SIDPs). ELG does NOT qualify**



Asset Tracker:



- **Projects are ephemeral:**
 - Controls are temporary and remove at final.
- **Facilities have permanent Assets:**
 - Check condition, service history, inspection frequency, permit driver
- **Keeps you showing proof of being proactive**
- **Variable assets have variable monitoring schedules:**
 - Calendar
 - Condition trigger
 - Quarterly monitoring



- ▶ FINDINGS

▶ CONTROL MEASURES

▶ POLLUTANTS

▶ NOTES

▶ ASSETS
- +

+

+

+



Search assets...

All statuses ▾

AST 3
Above-Ground

OF 2
Outfall

AST 1
Above-Ground

New Asset

X

Asset Type *

Above-Ground Storage Tank ▾

Status *

Active ▾

Inspection Types *

AZDEQ - 2013 CGP Routine Inspection Report Form x

clear

Asset ID *

4

ASSET DETAILS

Manufacturer *

TSX

Model *

G-7

Serial Number *

123123

Capacity *

500

Capacity Units *

gallons ▾

Contents *

Secondary Containment *

Select... ▾

Tank Type *

horizontal ▾

Tank Material *

Select... ▾

LOCATION & NOTES

Capture Location

City

State

County

Show Forecast

⋮

+ Create Asset

Active

⋮

▾

Active

⋮

▾

Active

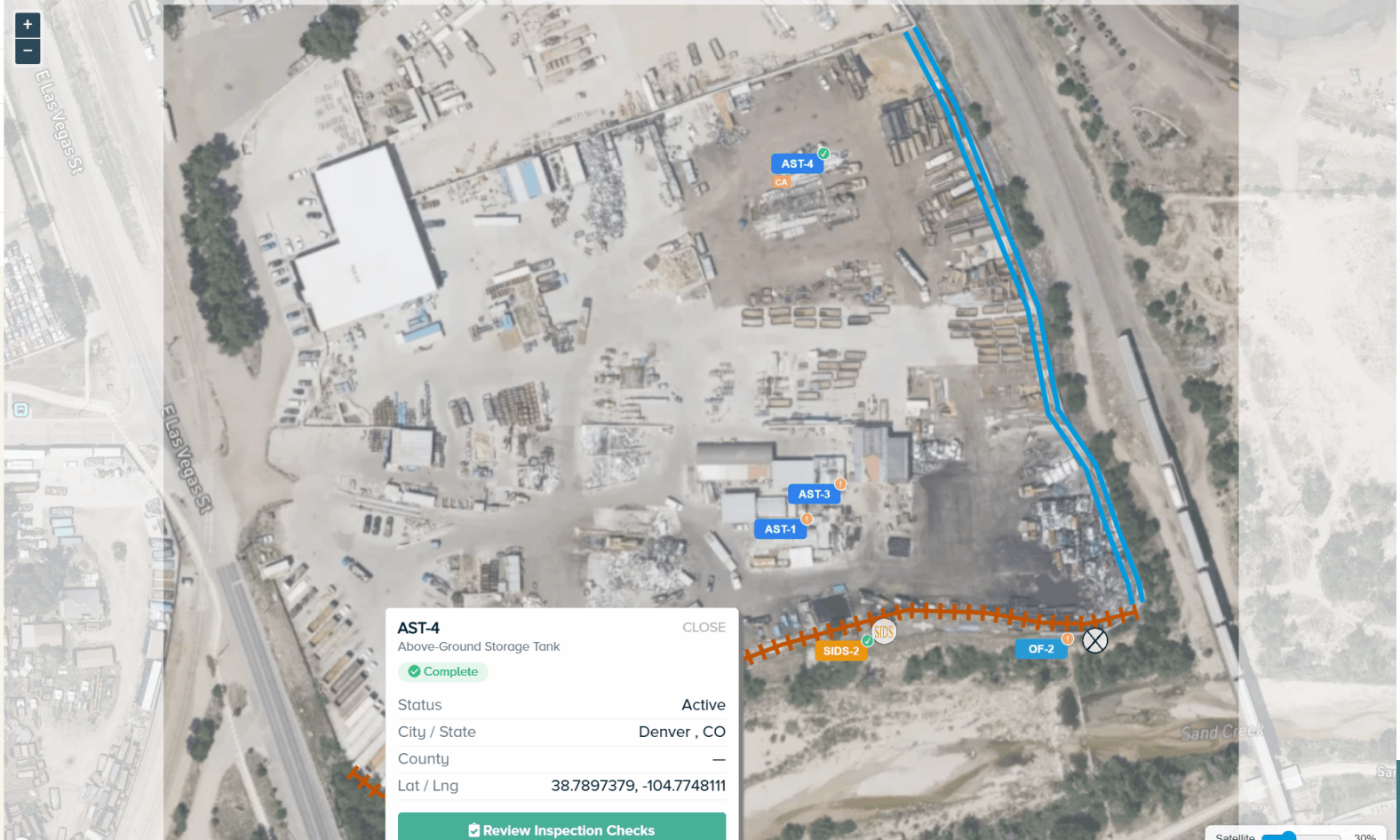
⋮

▾

Asset Tracker:



- FINDINGS
- CONTROL MEASURES
- POLLUTANTS
- NOTES
- ASSETS



AST-4

Above-Ground Storage Tank

Complete

Status

Active

City / State

Denver , CO

County

—

Lat / Lng

38.7897379, -104.7748111

Review Inspection Checks

CLOSE

Corrective Actions:



- **Project**

- **Condition found fix on short clock**
 - Document

- **Facility**

- **Condition found correct however; follow AIM (Additional Implementation Efforts). Clock is extended, may take multiple tries.**
 - AIM 1 14 days unless infeasible 45 days
 - AIM 2 14 days to 45 days (+ extensions)
 - AIM 3 14 days to 90 days (source control and or treatment)





Cancel

Save

Calibrate Map

Mobile View

FINDINGS

#112 - See site inspection map for location

#111 - Completed as recommended

#110 - Completed as recommended

#109 - Completed as recommended

#108 - Completed as recommended

#107 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

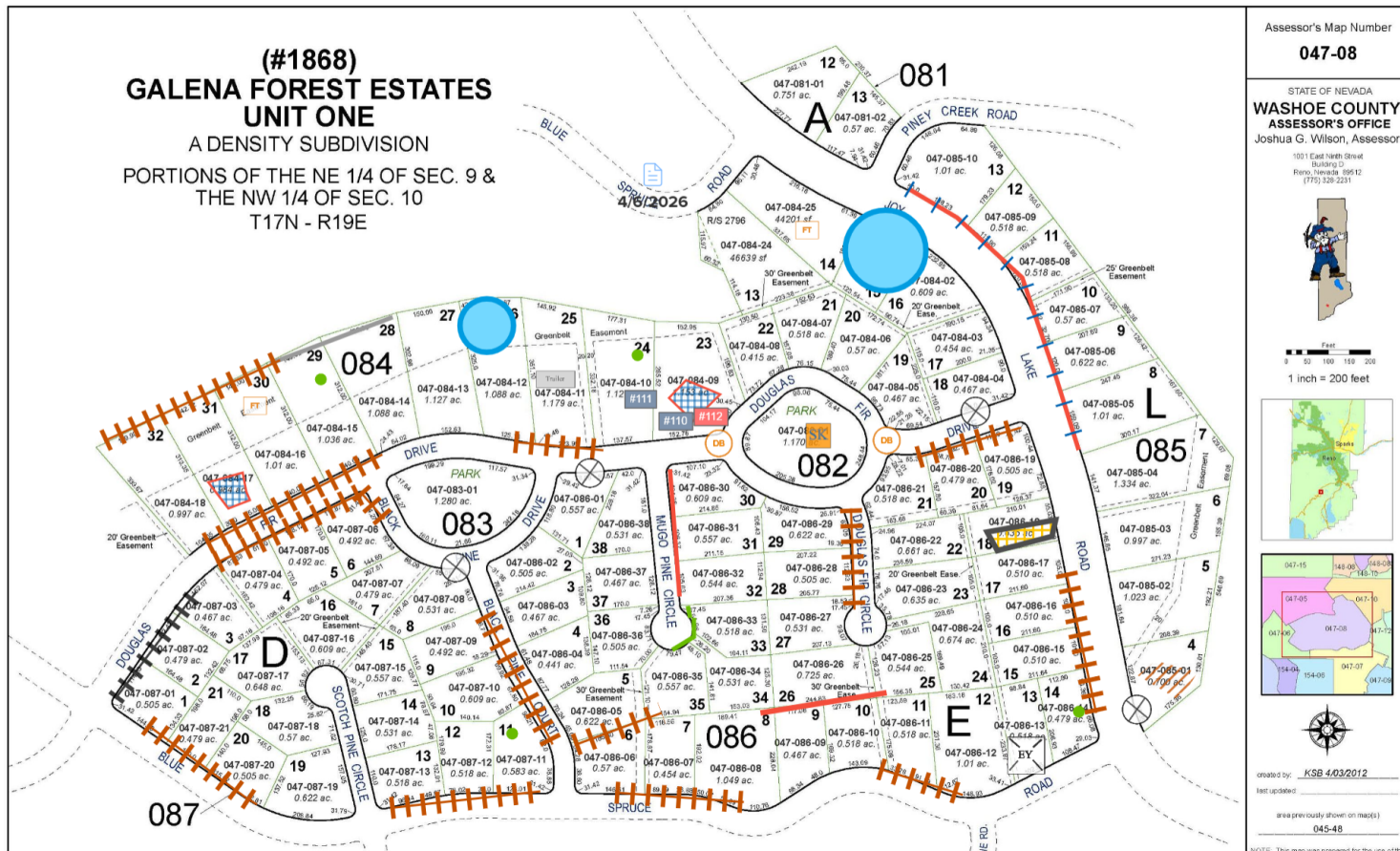
#103 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

#101 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

#100 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

#99 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

#98 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.



Cancel

Save

Calibrate Map

Mobile View

FINDINGS

10 - See site inspection map for location

09 - 41.240853406826394, 11.98385849222434

08 - 41.240387599239654, 11.98414535305616

07 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

03 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

01 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

00 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

09 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

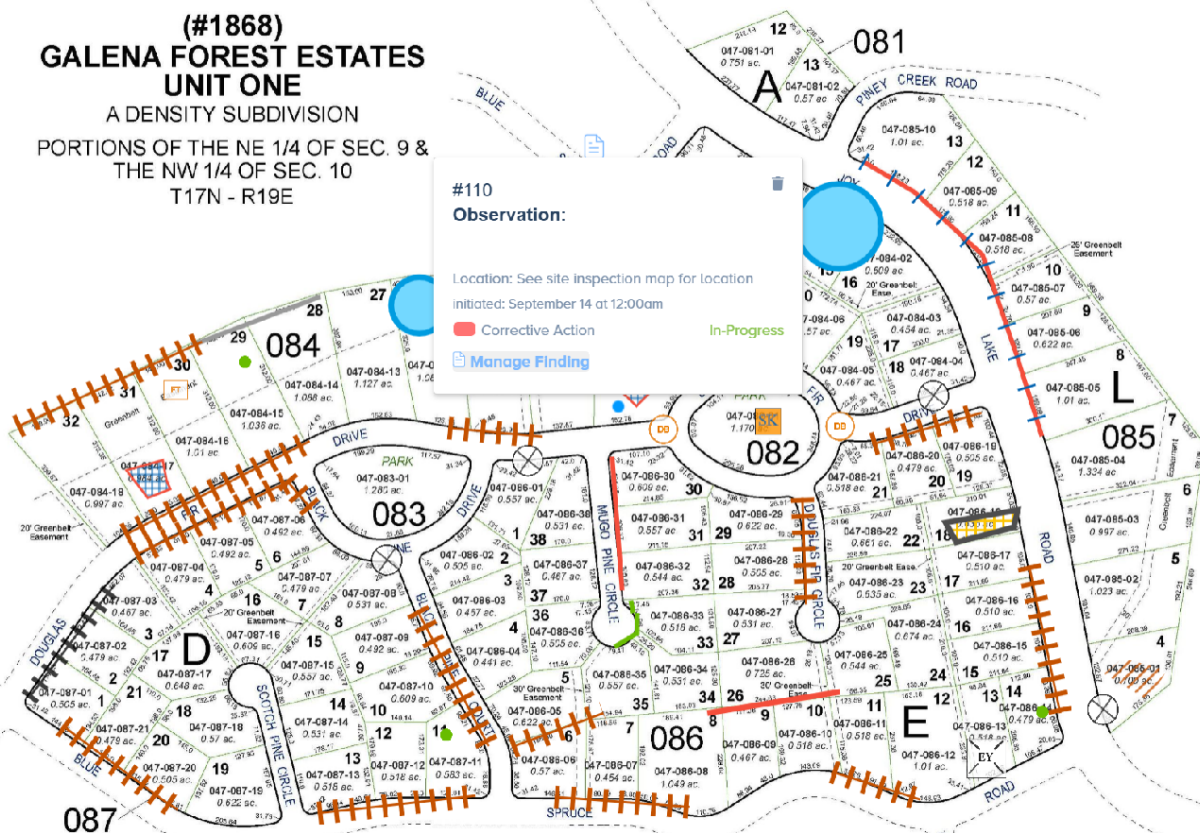
08 - Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

07 - See site inspection map for location

(#1868) GALENA FOREST ESTATES UNIT ONE

A DENSITY SUBDIVISION

PORTIONS OF THE NE 1/4 OF SEC. 9 &
THE NW 1/4 OF SEC. 10
T17N - R19E



#110

Observation:

Location: See site inspection map for location

initiated: September 14 at 12:00am

Corrective Action

In-Progress

Manage Finding

Assessor's Map Number

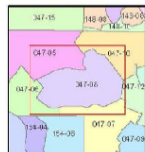
047-08

STATE OF NEVADA
WASHOE COUNTY
ASSESSOR'S OFFICE
Joshua G. Wilson, Assessor

1801 East Ninth Street
Reno, Nevada 89510
(775) 228-2231



1 inch = 200 feet



created by: KSB 4/3/2012

not added

area previously shown on maps

045-46

09-14-2026 | Routine

Show Forecast

⋮

30 | ID 439604

▀ Riverside Avenue Development

▀ Riverside Construction

Inspection Questions

Findings

Map

Weather Table

Certification

☐ Select All

Finding Types ▾

Findings Status ▾

⋮

Add Finding

☐ #111 Corrective Action

Template Type | SWP

Location: See site inspection map for location

Initiated: 09-14-2026

#110 Corrective Action

Template Type | SWP

Observation: Completed as recommended

Location: See site inspection map for location

Initiated: 09-14-2026

Completed: 09-15-2026

#109 Corrective Action

Template Type | SWP

Observation: Completed as recommended

Location: 41.240353406826394, -111.98385849222434

Carry Over ⓘ

Initiated: 09-10-2026

Completed: 09-15-2026

#108 Maintenance Item

Template Type | SWP

Observation: Completed as recommended

Location: 41.240387599239654, -111.98414535305616

Carry Over ⓘ

Initiated: 09-02-2026

Completed: 09-15-2026

#107 Corrective Action

Template Type | SWP

Observation: Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

#103 Maintenance Item

Template Type | SWP

Observation: Corrective Action Item is to be addressed next business day after the inspection, per scheduled control measure maintenance.

Dashboard

Client

Project

Regulations

Legend Item

Users

Divisions

Inspection Templates

User Manuals

Reports

Administration

Subscription

Take AIM:



- Facility

- Condition found corrected however; follow AIM (Additional Implementation Efforts). Clock is extended, may take multiple tries.
 - AIM 1 14 days unless infeasible 45 days
 - AIM 2 14 days to 45 days (infeasible)
 - AIM 3 14 days to 90 days (source control and or active-treatment)

SW2 ONE CLICK COMPLIANCE

Projects ▸ Industrial Test ▸ Inspections ▸ 08-28-2026

08-28-2026 | Routine

11 ID 402980

Industrial Test

Client - Arizona

Inspection Questions Findings Assets Map Certification AI Review

☐ Select All

Finding Types Findings Status Add Finding

#3 Corrective Action ✓
Template Type | SWP
Escalation | Closed
Observation: Completed as recommended
Location: 38.7881023, -104.7754326
Initiated: 08-28-2026 Completed: 09-15-2026

#2 Repairs of Other Maintenance Needed
Template Type | SWP
Escalation | Closed
Observation: test
Location: See site inspection map for location
Initiated: 08-28-2026

#1 Corrective Action
Template Type | SWP
Escalation | First Warning
Observation: Repair Valve on Asset
Location: 38.7897379, -104.7748111
Initiated: 08-28-2026

Reporting:



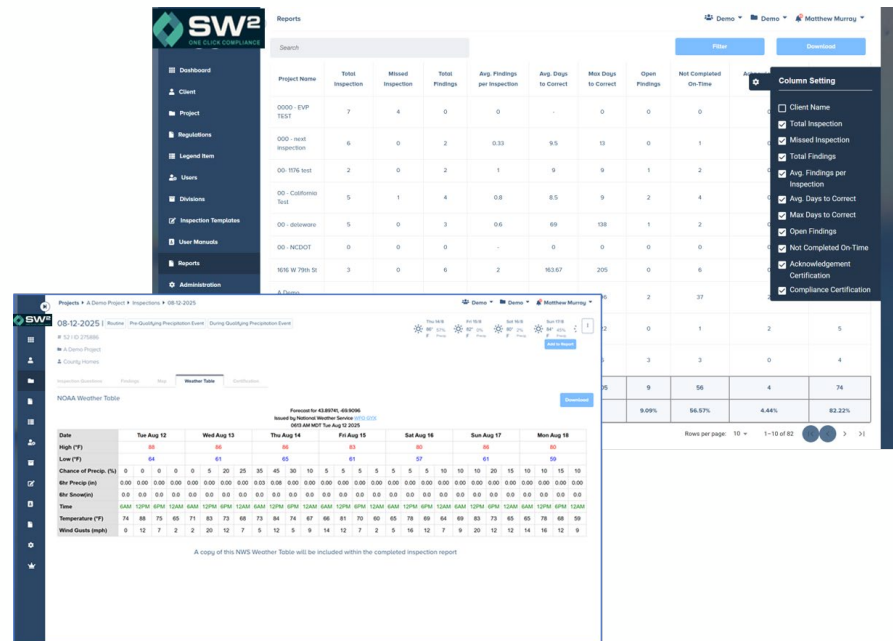
- In our justice system you are innocent until proven guilty, in the environmental world your records are the only thing standing between you and proof of compliance.
- Need clean and organized records



Your data has value leverage it:



- Turn Inspections into Insight.
- Go beyond capturing issues – understand what they mean.
- Leverage KPIs & Metrics: Drive data-informed decisions
- Identify Trends: See where compliance is strong and where support is needed
- Root Cause Analysis: Understand not just what's happening, but why
- Streamline Ops: Proactive adjustments reduce risk and improve performance **leverage your data to make decisions.**



Record Keeping and Reporting:



- **Project**

- The record is the inspection report &
- Updated living SWPPP narrative and maps

- **Facility**

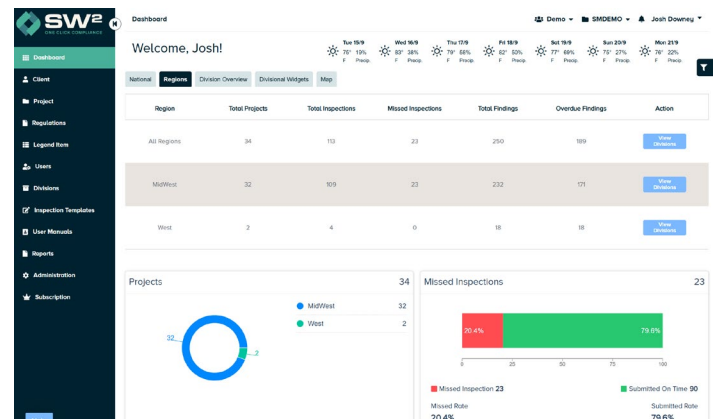
- The records is the inspection report
- SWPPP and Maps
- Annual Report
 - It's not a new task if data was captured correctly, it's an export.



Enumerated Conditions Versus Professional Judgement:



- When compliance shifts to did you “exercise good judgment” versus to a focus on “can you produce the record”
- Management tools are critical to maintaining that compliance
 - Increase Compliance
 - Increase Productivity
 - Leverage management systems in your program or be left behind
 - Leverage AI tools within those system to manage your programs performance
 - What is working and what obstacles do we need to overcome.
 - We have the tools its up to us to properly use them.





SW²

ONE CLICK COMPLIANCE

Josh Downey
720-343-6561
jdowney@sw2.net
www.sw2.net



Upcoming:

EPA CGP 2027 Comments and proposed permit

EPA IGP Administratively continued (Comment period extended to 9-17-26).

San Francisco Vs EPA removed EPA s ability to sue catch all impact.

Both permits are converging on same operating model – Specific enumerated, documented obligations.

A compliance management system matters now more than ever. The Vague middle ground is legally disappearing.