



Pretreatment Information Management System:

An Integrated and Automated
Environmental Compliance Tool



ENCINA
WASTEWATER
AUTHORITY

Source Control Program



Source Control Program

580+ Class I/II/III & Best Management Practice Permits

- 2024 Program Activities:
 - 71 permits issued (new, amend, renew)
 - 176 facility inspections
 - 122 Encina + 141 industry monitoring events
 - 64 Notices of Violation



Pretreatment Information Management System (PIMS)

Power Apps | Non-Compliance Management

Search

← + New Refresh

Class I, II, III Annual

Industry PermitNo Permit Type Permit Status Member Agency Secondary C... Effective Date Expiration Date Last An

Aethercomm, Inc.

2360

Class III- Categorical Zer...

Active

City of Carlsbad

Metal Finisher

10/5/2024

7/1/2027

5/3/r

Affordable Grease Pumping

5369

Class III- Other

Active

Vallecitos Water D...

Grease Hauler

7/8/2025

7/1/2029

Alphatec Spine Inc.

2425

Class III- Categorical Zer...

Active

City of Carlsbad

Metal Finisher

5/1/2025

5/1/2029

3/4/r

AlSCO Uniforms

1168

Class II- Significant Indus...

Active

Buena Sanitation ...

Laundry

1/30/2024

2/1/2028

6/16

American Meta-Pack Company, Inc

6323

Class III- Categorical Zer...

Active

City of Vista

Metal Finisher

8/4/2022

8/1/2026

4/15

Bachem Americas, Inc.

6272

Class I- Categorical User

Active

City of Vista

Pharm

4/1/2025

12/1/2028

10/3

Biodriven

5365

Class III- Other

Rescinded

Vallecitos Water D...

Grease Hauler

8/24/2024

8/1/2028

6/4/r

Biosyn Corporation

2052

Class III- Categorical Zer...

Active

City of Carlsbad

Pharm

1/1/2025

3/1/2029

12/1

Black Oxide Service, Inc.

5011

Class III- Categorical Zer...

Active

Vallecitos Water D...

Metal Finisher

8/3/2023

8/1/2027

6/6/r

California Breakers, Inc. dba CBIONE

1072

Class III- Categorical Zer...

Active

Buena Sanitation ...

Metal Finisher

11/1/2024

11/1/2028

10/1

Captek Softgel International, Inc.

6288

Class I- Categorical User

Active

City of Vista

Pharm

7/1/2025

7/1/2029

6/17

Carlsbad Technology, Inc.

2016

Class I- Categorical User

Active

City of Carlsbad

Pharm

2/1/2025

2/1/2025

1/27

Channelseide Water Resource (LP)

2379

Class III- Other

Active

City of Carlsbad

Utility

9/1/2024

9/1/2028

7/11

Cintas Corporation

6009

Class II- Significant Indus...

Active

City of Vista

Laundry

7/1/2025

7/1/2029

5/23

Rows: 56

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Home Add to Calendar Open Enforcement Event Information

Add Doc Edit

Enforcement Event Information

Industry: Natural Alternatives International Permit: 2446 Notice of Violation: 25-0089-NOV.docx

Related Violation(s)

Event	Type	Violation Date	Reference Number	Created By	Related Enforcement
Natural Alternatives International (Carlsbad) 2025 POTW	Daily limit	04/02/2025	25-0089	Michael Truong	Daily limit - 06/10/2025

Enforcement Event Type: Daily limit Created By: Michael Truong Issue Date: 6/10/2025 Due Date: 7/10/2025

Completed Date: - Date Notified: - Date Detected: 6/5/2025 EC Number: 25-0089

Comments

POTW monitoring on 4/2/2025 identified a pH excursion of 5.45, resulting in V2 in 12 months. IU submitted acceptable investigation and corrective action report on 7/3/2025. EWA will perform checkback.

Document Template: EWA Monitoring Local Limit Parameter Violation Industry Contact: Mike Larsen Penalty Amount: \$250.00 NR Cost: \$100.00

Sample Date: 4/2/2025 Sample Point: 1

Analyte	Sample date	Collection type	Result (RL)	Action
pH	4/02/2025	Grab	5.45 S.U.	Local

Related Documents

Document Name	ID
25-0089 NOV.pdf	77669
25-0089 Invoice.pdf	77670
25-0089 Response.pdf	78110

Group Events for Natural Alternatives International (Carlsbad) 2025 POTW Q2

Event Type	Sample Date	Violation Date	Issue Date	Due Date	EC Number
Sample - POTW Routine Q2	04/03/2025	-	-	-	25-0058
Violation - Daily limit (pH)	-	04/02/2025	-	-	25-0089
Enforcement - Daily limit	-	-	06/10/2025	07/10/2025	25-0089

Document Auto Generation and GIS

Power Apps | Non-Compliance Management | Search

← + New ↺ Refresh 📄 Export to Excel ⌵ 📄 Generate Appendices

Custom View ▾ Edit columns Edit filters Filter by keyword

<input type="checkbox"/>	EC Number ▾	Industry ▾	Document Type ▾	Date ▾	Notes ▾
<input type="checkbox"/>	25-0101	Glanbia Nutritionals	Chain of Custody	7/3/2025	
<input type="checkbox"/>	25-0100	Dr. Bronner's	Chain of Custody	7/3/2025	
<input type="checkbox"/>	25-0099	Means Engineering	Permit Rescind/Reissue	7/18/2025	
<input type="checkbox"/>	25-0098	Kurita America, Inc. (San Marcos)	Permit Rescind/Reissue	7/1/2025	BMP res
<input type="checkbox"/>	25-0097	Kurita America, Inc. (Carlsbad)	Permit Rescind/Reissue	7/1/2025	BMP res
<input type="checkbox"/>	25-0096	Prudential Overall Supply	Chain of Custody	6/19/2025	
<input type="checkbox"/>	25-0095	Carlsbad Technology, Inc.	Chain of Custody	6/18/2025	
<input type="checkbox"/>	25-0094	Carlsbad Technology, Inc.	Chain of Custody	6/18/2025	
<input type="checkbox"/>	25-0093	Bachem Americas, Inc.	Plan check	6/12/2025	Approve

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SERVING THE CITY OF VISTA, CITY OF CARLSBAD, BUENA SANITATION DISTRICT, VALLECITOS WATER DISTRICT, LEUCADIA WASTEWATER DISTRICT AND CITY OF ENCINITAS



ENCINA WASTEWATER AUTHORITY

A Public Agency

6300 Avenida Encina
Carlsbad, CA 92011-1095
Telephone (760) 438-3941
FAX (760) 438-3861 (Plant)
(760) 431-7493 (Admin)

June 10, 2025

CERTIFIED MAIL

Ref: 25-0089

Natural Alternatives International (Carlsbad)
1535 Faraday Avenue
Carlsbad, CA, 92008

Attention: Mike Larsen

**Subject: NOTICE OF VIOLATION (NOV)
PERMIT #2446**

This notice is issued for violation(s) of your Wastewater Discharge Permit pursuant to sections 6.2 and 6.3 of the Encina Wastewater Authority's (EWA's) Pretreatment Ordinance. EWA monitoring at Sample Point #1 revealed the following violation(s):

Date Sampled	Parameter	Result	Local Limit
04/02/2025	pH	5.45 S.U.	5.5 - 12 S.U.

Natural Alternatives International (Carlsbad) is required to abate this violation. Investigate and submit a written report regarding the cause(s) of the violation and steps taken to prevent recurrence. **Your report must be submitted to EWA by July 10, 2025.** EWA will be conducting follow-up sampling at your facility to determine if compliance has been reestablished.

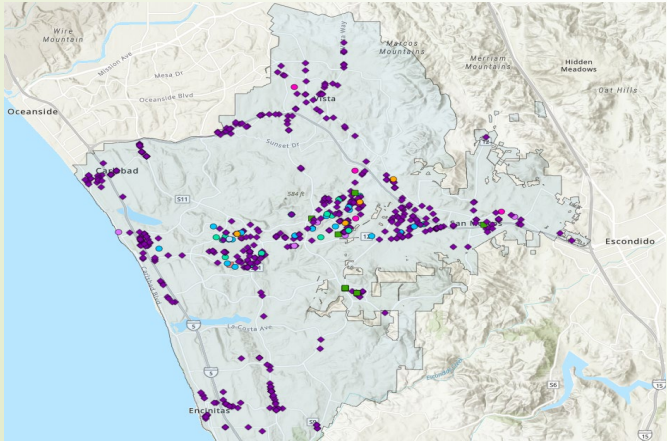
In accordance with EWA's Pretreatment Ordinance, attached is an invoice assessing \$250.00 in fines for two pH limit violations within a twelve-month period, plus non-routine enforcement costs. This notice does not preclude further enforcement action. If you have questions regarding this correspondence, please contact me at (760) 438-3941.

Sincerely,

Robert Grigg
Source Control Manager

cc: City of Carlsbad - Dani Mcmanus, Mike Garcia, Stephanie Harrison

SERVING THE CITY OF VISTA, CITY OF CARLSBAD, BUENA SANITATION DISTRICT, VALLECITOS WATER DISTRICT,
LEUCADIA WASTEWATER DISTRICT AND CITY OF ENCINITAS



Challenges with Existing Pretreatment Software?



- Lack of Integration & Data Gaps
- High Effort and Manual Intervention
- Need Other Tools to Do Our Jobs

What We Wanted From Our Next Gen Pretreatment Software

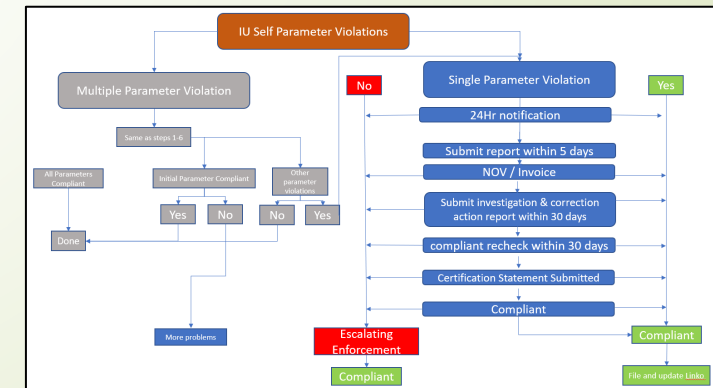
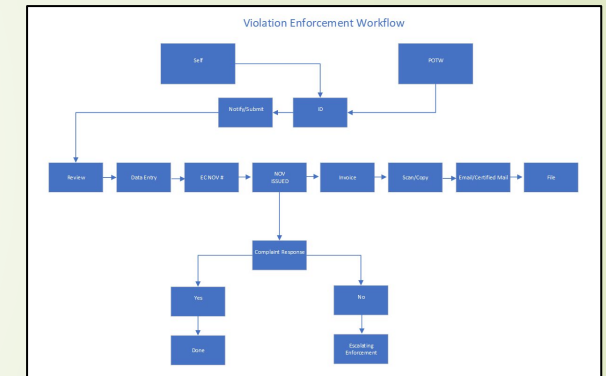
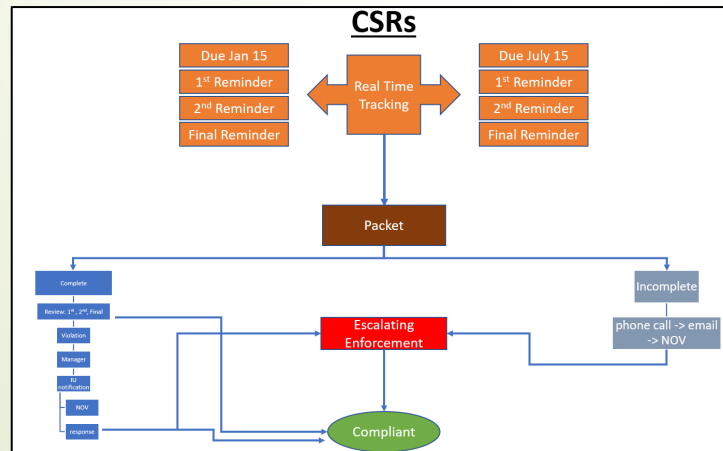
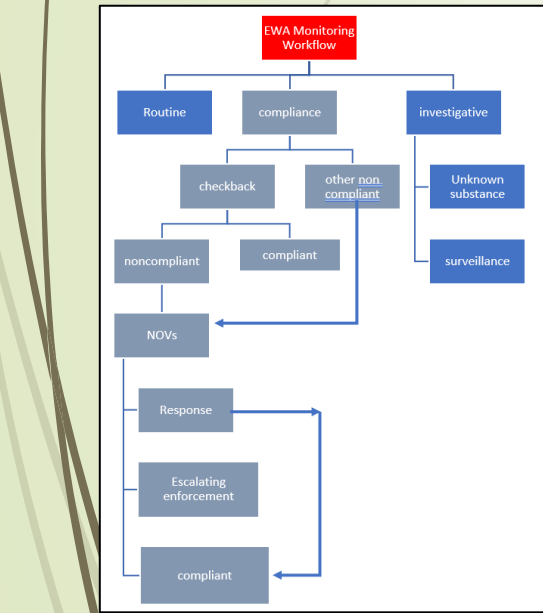
- Enhanced Integration
- Advanced Automation
- Increased Efficiencies



Where Did Nexinite Fit In?

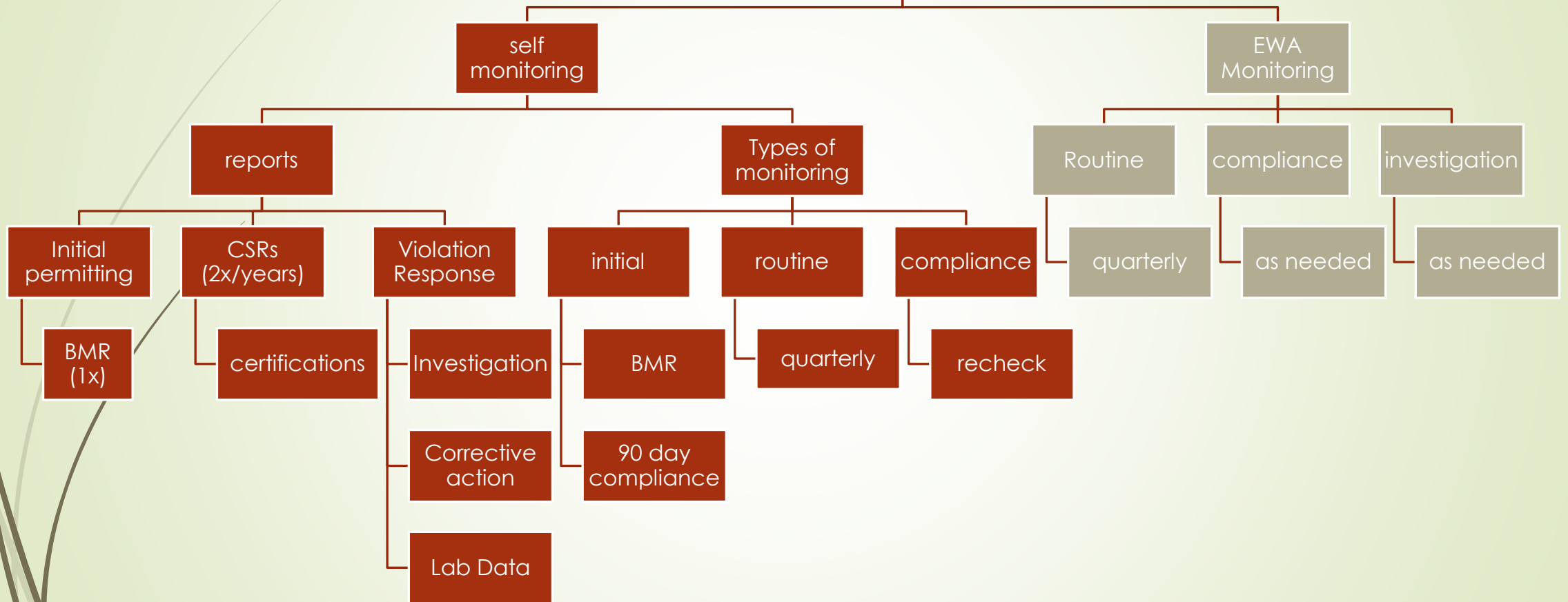
- We are the Subject Matter Experts
- They were the Technologists





Workflows and Skeletons

Monitoring



IU Self Parameter Violations

Multiple Parameter Violation

Same as steps 1-6

All Parameters Compliant

Done

Initial Parameter Compliant

Yes

No

Other parameter violations

No

Yes

More problems

Single Parameter Violation

No

Yes

24Hr notification

Submit report within 5 days

NOV / Invoice

Submit investigation & correction action report within 30 days

compliant recheck within 30 days

Certification Statement Submitted

Compliant

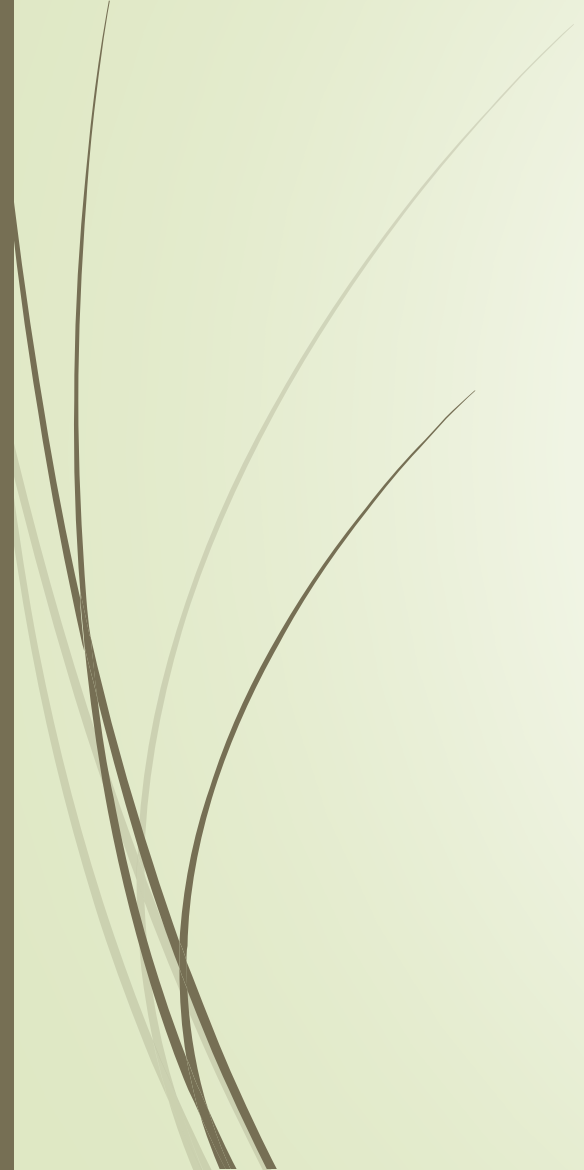
Escalating Enforcement

Compliant

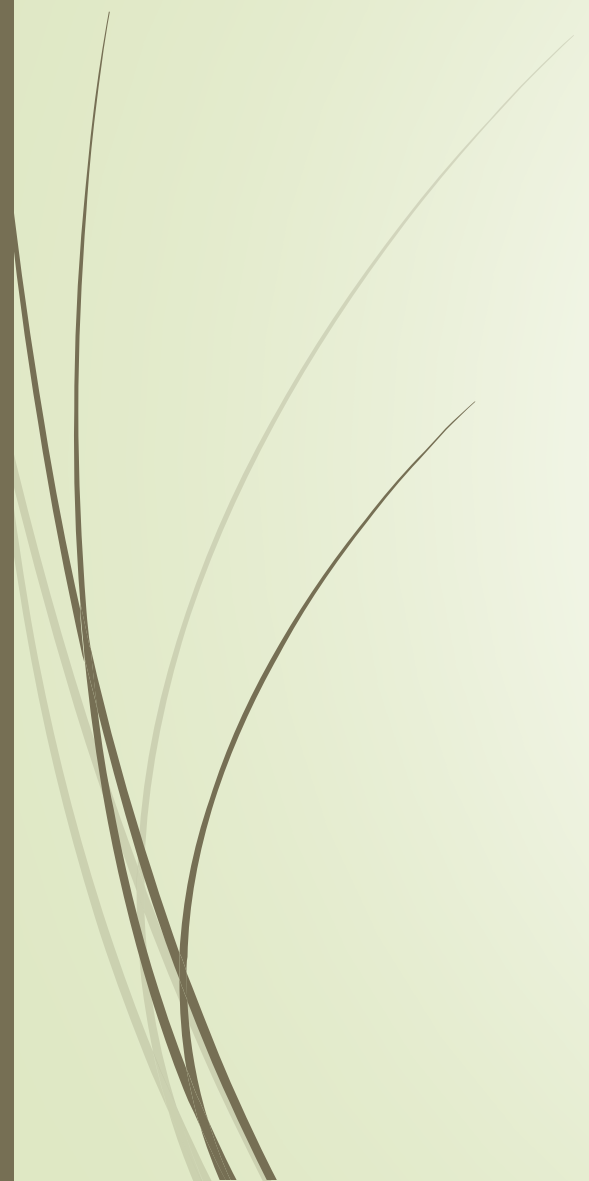
Compliant

File and update Linko

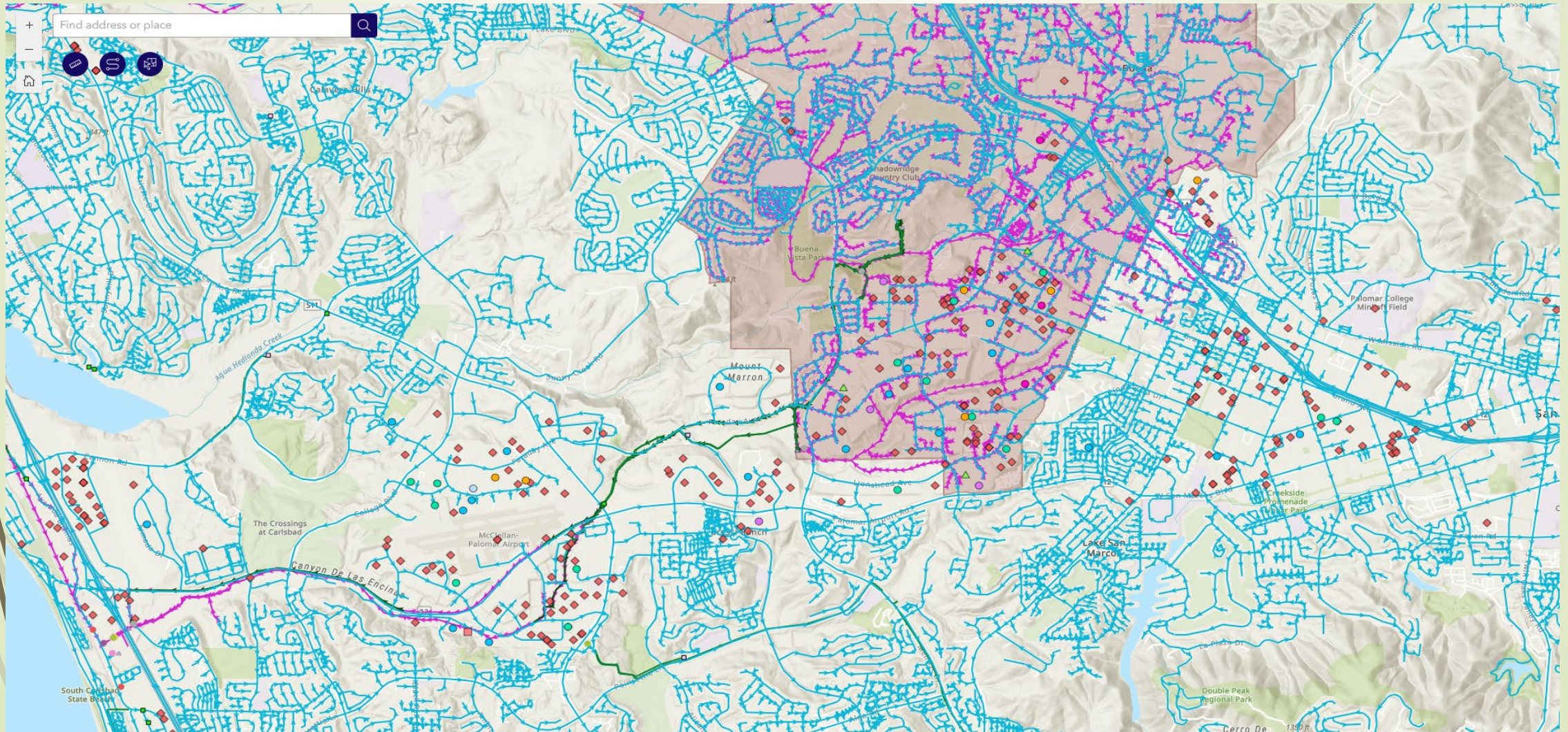
PIMS in Action



Reporting



GIS Integration





Portal --> CROMERR

<https://encinapims.powerappsportals.com/>