

# ENVIRONMENTAL SERVICES MONTHLY REPORT

Review of March 2025

## HIGHLIGHTS

- Town of Erie staff have recently connected with Robert Aronoff, the newly hired Oil and Gas Liaison for the Town of Fredrick. Staff are excited to continue to build this relationship and improve local governance and coordination both in and around Erie.
- The Sustainability Division continues to work with Lotus Engineering & Sustainability to develop the Town's first Climate and Sustainability Action Plan.
- Development of the Town's first Resilience Action Plan continues in collaboration with three students from CU Boulder's Masters of the Environment Graduate Program and the Sustainability Division.

## CAPITAL IMPROVEMENT PROJECTS

### Streetlight Acquisition

Negotiations for streetlight acquisition continue with United Power.

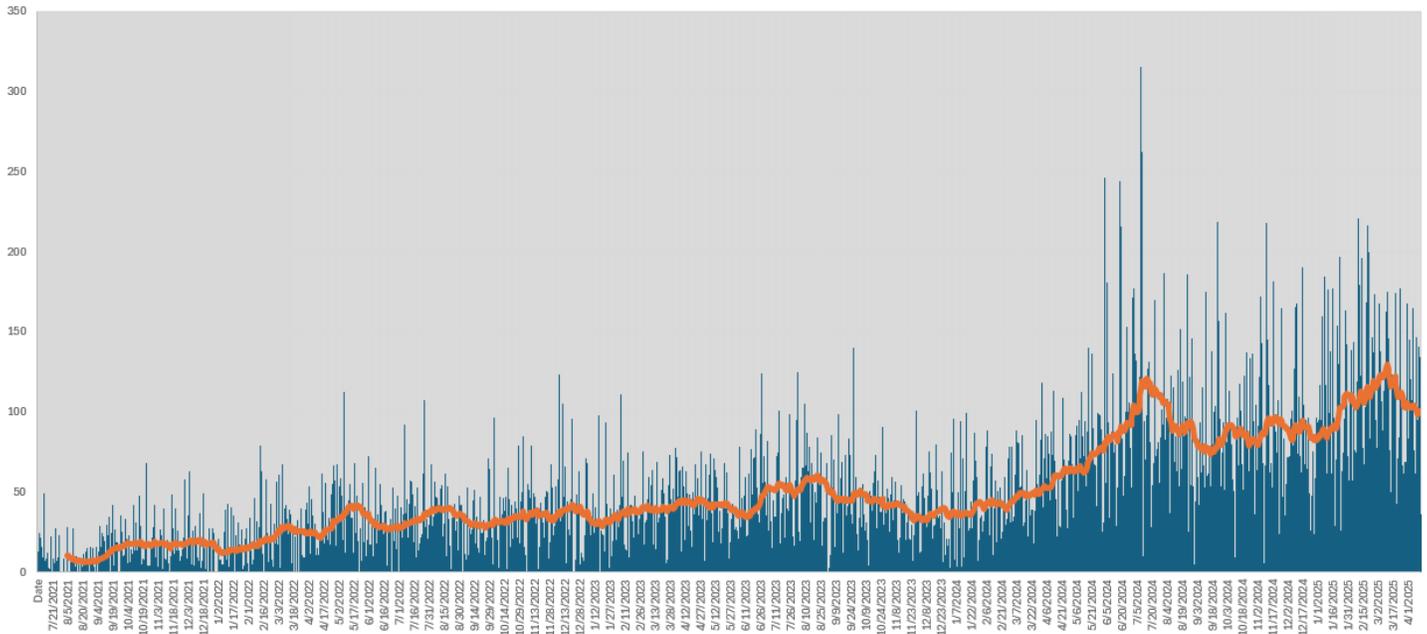
### Lynn R. Morgan Water Treatment Facility Solar Project

Staff met with JVA Consulting Engineers in mid-April to explore a second proposal for various solar array opportunities at the Lynn R. Morgan Water Treatment Facility. This project is exploring available space (Clearwell tank, covered parking and rooftop) for onsite renewable energy generation, maximizing current incentives while offsetting a portion of Erie's largest energy consuming facility.

## SUSTAINABILITY & WATER CONSERVATION

### Air Quality & Transportation

- Work continues to install the grant funded 13 level 2 EV charging ports at Town of Erie facilities. These chargers will be installed at Town Hall, Schofield Farm, and the Leon A. Wurl Service Center, bringing the Town to 35 public level 2 chargers, 10 more than the Town's 2025 goal.
- Indoor air quality rebates continue, including air filters and in [home radon mitigation systems](#). Current 2025 rebates to date include two applications and \$300 total.



- *The above ChargePoint Town of Erie graph (24 ports of Level 2 charging) outlines the total greenhouse gases (GHG) avoided through Town owned ChargePoint chargers since operations began in July 2021. Town of Erie EV chargers have prevented the emission of 67,250 kg of GHG.*

## Energy & Efficiency

- Beneficial Electrification Plan will be presented at the April 22 Council meeting for final adoption. This plan identifies recommendations to electrify Erie’s built environment including existing and new residential, existing and new commercial, and town facilities. Community partners in developing this plan included the development community, local school districts, Boulder County, and local businesses and residents.
- Total [Energy Efficiency Rebates](#) for 2025 include \$8,750 to date with 50 participants. Boulder County Matching Grant funds will continue to support Boulder County Town of Erie resident’s Energy Efficiency Rebates until 2024 grant funds are exhausted.
- The Sustainability and Building Divisions continue to actively participate in the Regional Energy Code Cohort. Current efforts are focused on the Climate Pollution Reduction Grant championed by the Denver Regional Council of Governments (DRCOG). Erie is a partner in this \$199 million grant focused on emissions reduction from the built environment and transportation sector through building electrification, work force development, and education and outreach. Additionally, programming and funds should soon be available to support electrification related efforts including installer resources and resident adoption. Sustainability Staff are actively participating on the Policy and Technical Committees for this effort.

## Waste Diversion

- [Waste Diversion Rebates](#) continue for Town businesses and residents. This program includes rebates for businesses such as organics and single stream recycling hauling and backyard compost equipment for residents. This program is funded through Bag Fees from Town of Erie businesses, required by state legislation. Total 2025 rebates include \$667.06 to date with six participants.
- Erie’s first Compost Giveaway Event was a success. With 30 cubic yards of A1 Organic’s highest quality certified organic compost, 55 cars stopped by the event on Saturday, April 5 (~75 people). Residents were excited to be receiving such a high-quality product and learn more about some of the other programs our team offers.



## Outreach & Education

- Erie's Arbor/Earth Day is Saturday, April 26 from 10 a.m.-1 p.m. The Sustainability and Tree Advisory Boards, Sustainability Division and Town Forestry are collaborating on this event again this year. This event is at the Post Pavilion at the Erie Community Park again this year. Event highlights include free trees, giveaways, landscaping experts, renewable energy information, and countless kid's activities like book reading, games and crafts.



Presented by Town of Erie staff, the Tree Advisory Board, and the Sustainability Advisory Board

**Saturday, April 26 • 10 a.m. - 1 p.m.**  
**Erie Community Park | 450 Powers Street**

At The Post Shelter - adjacent to basketball courts

*In the event of inclement weather, the event will be moved indoors to the Erie Community Library.*

### Activities Include:

- 27th Arbor Day Anniversary Recognition
- 55th Annual Earth Day Celebration: Our Power, Our Planet
- Private & Municipal Arborists
- Kids Activities
- 5th Grade Poster Contest Winners Announced
- Local Nursery Vendors
- Local Solar & Electrification Vendors
- Tree Planting Demonstration
- Raffle, Prizes, Food Trucks, and More!



Event Details

For additional event information, please visit  
[erieco.gov/ArborAndEarthDay](http://erieco.gov/ArborAndEarthDay)

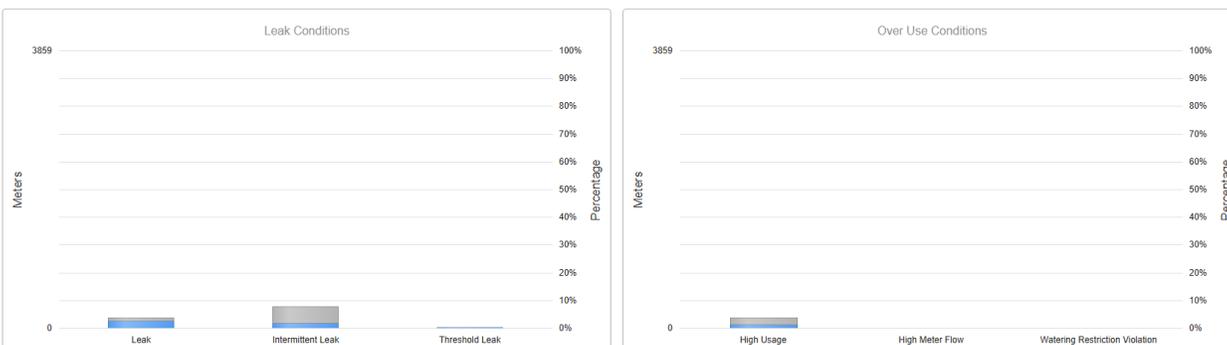
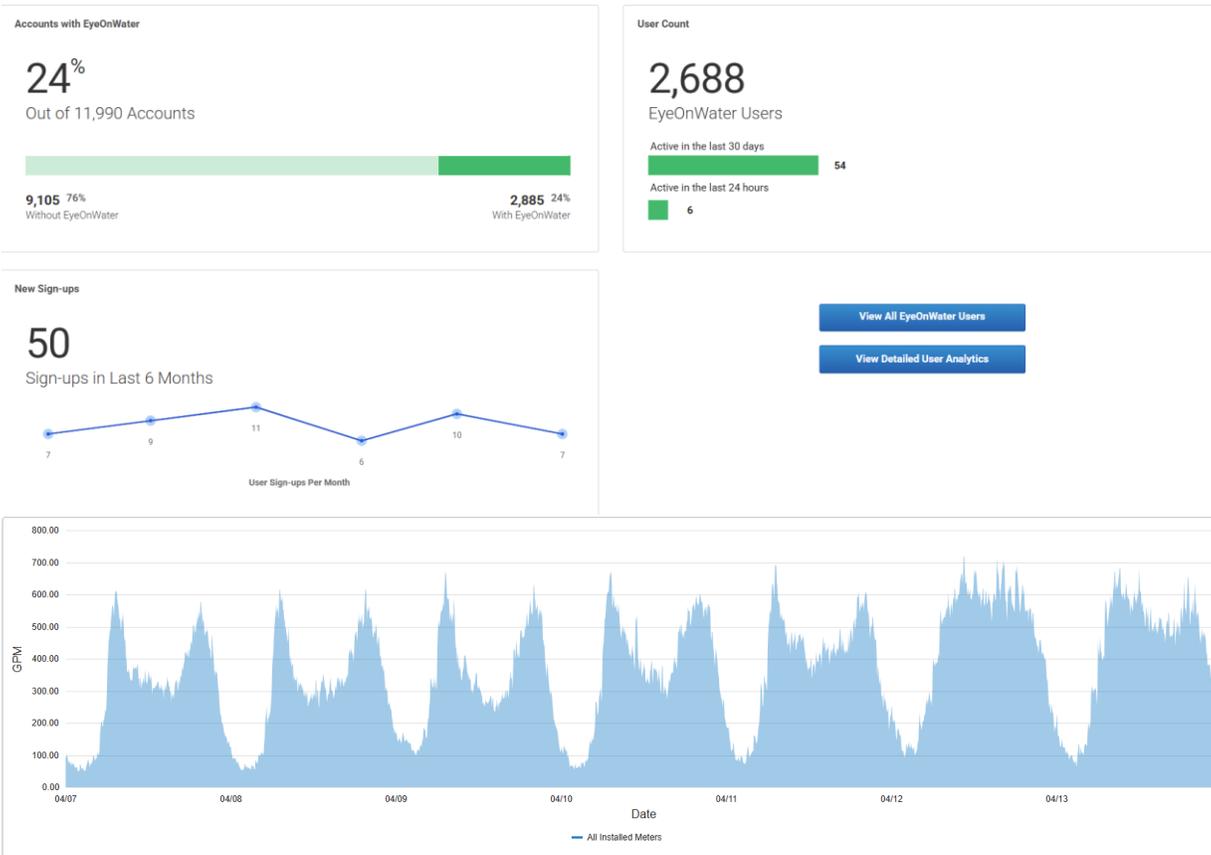


Enter to Win  
 Tree Drawing

- The Town of Erie Sustainability Newsletter has surpassed 550 subscribers. If you're not yet in the sustainability know, [sign up online](#).

# Water Conservation

- Kimley Horn delivered the first site design for the LAWSC turf replacement project. A Staff review with Kimley Horn occurred in April and next steps include updates based on staff feedback as well as an updated pricing model.
- Erie received the next Water-Wise Landscaping Ordinance draft for final staff review in mid-March. Staff review is occurring now with the next steps involving legal review and then external stakeholder engagement.
- Erie's 2025 [Turf Replacement Rebate Program](#):
  - 13 projects are in the pipeline so far in 2025.
- 2025 [Water Efficiency Rebates](#) are live including new commercial rebates for toilets and urinals.
  - Four water rebates approved in 2025 to date with a total of \$285.



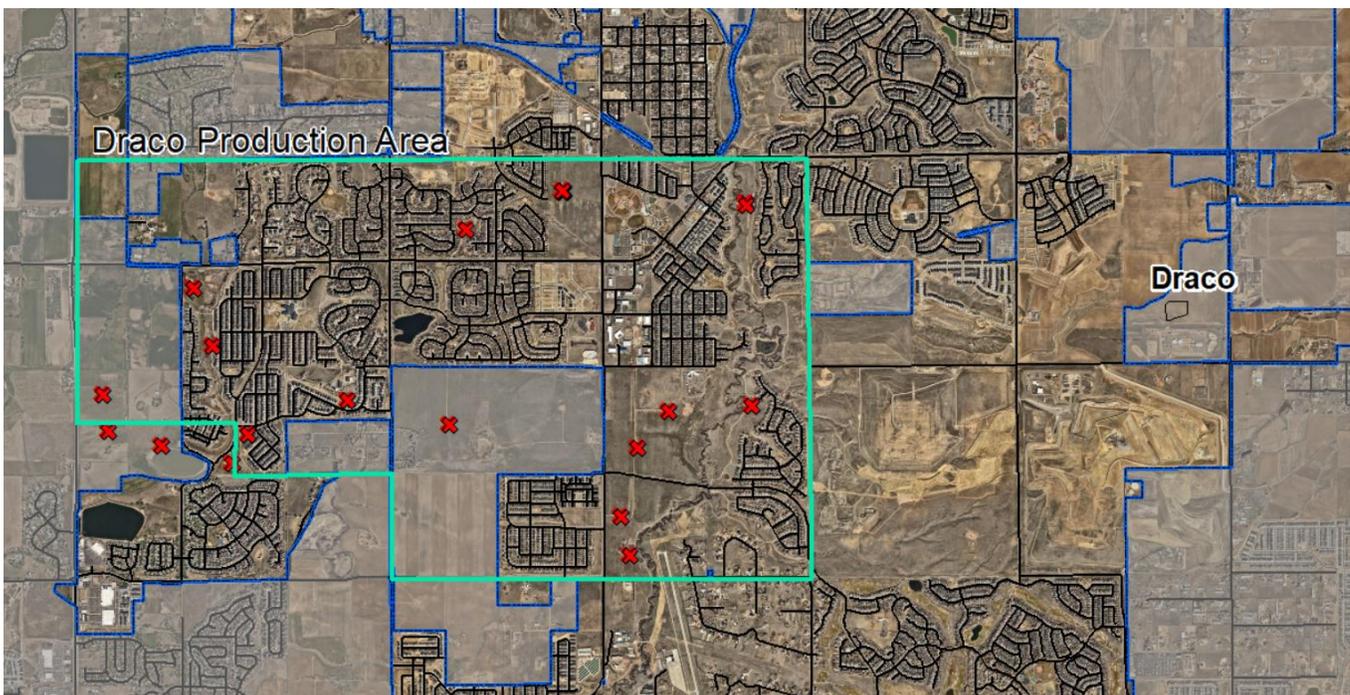
# OIL & GAS

## News & Notes

### Draco OGD

On Wednesday, March 26, the Energy & Carbon Management Commission (ECMC) voted in favor of the Draco oil and gas development plan (OGDP) in a 4 to 1 ruling. While the Town of Erie is disappointed with the Commission's decision, the Town is grateful for its inclusion of the following conditions of approval to better protect the current and future residents of Erie.

- **Condensed Occupation:** Residential lots within 2000 feet of the Draco development are not to be occupied until October of 2027 to allow for the completion of drilling and completion operations. The Commission opted to abide by the agreement reached between Southern Land Company and Civitas restricting pre-production at Draco to no later than May 13, 2028, with a condition that all reasonable attempts must be made to conclude pre-production by October 2027.
- **Air Quality Monitoring:** Civitas will conduct continuous air quality monitoring around the Draco pad to provide alerts if exceedances occur and immediately address any negative impacts to air quality.
- **Monitoring of Plugged and Abandoned wells within Drilling and Spacing Unit (DSU):** Civitas has agreed to conduct monitoring on six plugged and abandoned wells within their DSU to ensure no disturbances to plug integrity come as a result of the drilling and fracking of Draco. Monitoring will include soil vapor testing, and any issues detected during the life of these wells will be promptly addressed by Civitas.
- **Landscaping and Visual Mitigation:** Civitas will build and improve the land around the Draco facility to provide visual obstructions for the facility from the Westerly Development, thereby reducing the visual impacts of the facility.
- **Traffic Studies:** Civitas will conduct traffic studies to assess the impact of excess vehicle traffic associated with the Draco development. Plans will be devised to minimize disturbances and mitigation measures will be installed where needed to further reduce impacts to the surrounding areas.
- **Paving of Count Road 6:** In addition to traffic studies, Civitas will facilitate the paving of the section of County Road 6 that connects County Roads 5 and 7. Improvement of this road will allow for shorter transit between the Draco facility and the landfill for the transportation of cuttings and waste. Doing so will avoid excess travel on County Road 8 and avoid additional traffic by Erie Highschool.
- **Plugging and abandonment of existing wells:** Civitas will plug and abandon 22 wells and close the 18 associated facilities, removing all equipment and reclaiming the sites, most of which are in western Erie. Map of well locations included below for reference.



Draco production area showing oil and gas locations to be plugged and reclaimed.

### Ogren H. Unit 1

Work to plug and abandon the well commenced on March 10 and lasted roughly five days with progress moving on site reclamation. The well is located just outside of Town limits, north of Jasper Road and west of North 119<sup>th</sup> Street. No spills or previous releases have been reported for this well.

### Kerr McGee 19-3i

Work to complete routine maintenance is currently ongoing at Occidental's Kerr McGee 19-3i deep injection well. The well is located outside of town limits south of Highway 52 and west of I-25. Operations were planned to begin on March 15, but due to unforeseen delays began on March 22. These operations include well maintenance and cleanout and are estimated to take between 2-4 weeks.

## Spills & Releases

Operators reported 171 spills/releases during the month of March 2025, state-wide. Of these, none occurred within the municipal boundary of Erie.

## Inspections

ECMC Inspectors visited 12 oil and gas wells at 6 locations in Erie during the month of March 2025:

- **CHAMPLIN 41-4-61N68W4NENE (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)**
  - CHAMPLIN 41-4 1
- **CHAMPLIN 86 AMOCO Q-61N68W4NWNE (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)**
  - CHAMPLIN 86 AMOCO Q 1
- **CHAMPLIN 32-4-61N68W4SWNE (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)**
  - CHAMPLIN 32-4 2
- **CHAMPLIN 86 AMOCO F-61N68W4SENE (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)**
  - CHAMPLIN 86 AMOCO F 5
- **CHAMPLIN 86 AMOCO O-61N68W4CNW (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)**

- CHAMPLIN 86 AMOCO O 9
- SEC FOUR 5-4
- SEC FOUR 6-4
- SEC FOUR 4-4
- SEC FOUR 3-4
- SEC FOUR 21-4
- SEC FOUR 31-4
- CPC-61N68W4NWNE (NON-ACTIVE LOCATION, RECLAMATION INSPECTION)
  - CPC 3-31-4

No Notices of Alleged Violation (NOAV) were issued during inspections. However, one corrective action (CA) was issued at the Champlin 86 AMOCO F-61N68W4SENE location on March 24. The corrective action was to comply with the 1100 Series Rule for flowline registration and abandonment.

To date in 2025, ECMC inspections have occurred at 25 of the 118 total active wells (those designated producing, shut-in, or temporarily abandoned) within Erie (21%).

## AIR QUALITY MONITORING

### BoulderAIR

The BoulderAIR ECC monitoring station reported 11 events in March where measured values exceeded the reporting thresholds.

- Four measurements of methane concentrations exceeding the alert threshold of 5,000 parts per billion (ppb), with the highest reported value being 10,086 ppb (0.02% of the Lower Explosive Limit for methane, which is 50 million ppb or 5 parts per hundred). Elevated methane measurements have been frequent since the BoulderAIR station was installed. Back trajectory analysis strongly suggests the source of the majority of methane plumes originate in or near the Front Range and Denver Regional South Landfills.
- Seven measurements of PM<sub>2.5</sub> (particulate matter less than 2.5 microns in diameter) concentrations exceeding the alert threshold of 35.0 µg/m<sup>3</sup>, with the reported value being 133.3 µg/m<sup>3</sup> (380% the National Ambient Air Quality Standard for 24-hour exposure of 35.0 µg/m<sup>3</sup>), though the measured event was less than 5 minutes in duration. While no observations approached the 24-hour primary standard, high PM<sub>2.5</sub> measurements were frequent since the BoulderAIR station was installed. When compared to the other BoulderAIR monitoring stations in the region, Erie's (ECC) PM<sub>2.5</sub> measurements are similar to those at Longmont's Union Reservoir (LUR), higher than those at Broomfield's Soaring Eagle (BSE), and considerably lower than measurements in Commerce City (CCF).

### Ajax/CSU

One canister was triggered for sample collection due to elevated PID sensor readings in the month of March. The event, recorded at the Landfill Northeast station, recorded a Total VOC (volatile organic compounds) concentration of 44.36 ppb with slight elevations of methane, several alkanes and some heavy VOCs. While the trigger cannot be attributed to a single emissions source, the i/n pentane ratio of 0.84 suggests a mix of oil and gas and combustion emissions, both of which are present in the nearby area. Analysis of this event can be found here: 3/08/26 landfill northeast event: <https://trello.com/c/lscifavs/170-3-8-25-746-am-landfill-northeast-500mv>

A reminder that residents of Erie can rent an air quality sample canister free-of-charge from Town Hall. Full event reports are available from the AJAX data dashboard [Public-EventReports | Retool](#).