

ENVIRONMENTAL SERVICES MONTHLY REPORT

Review of January 2025

HIGHLIGHTS

- The Sustainability Division will begin development of the Town's first Climate and Sustainability Action Plan in late February.
- Development of the Town's first Resilience Action Plan started in February in collaboration with three students from CU Boulder's Masters of the Environment Graduate Program and the Sustainability Division.
- Representatives from the Town met with other local Front Range governments at CSU's Methane Emission Technology Evaluation Center (METEC) to discuss current and future methane detection technology. The visit was an opportunity to learn about emerging technology and better understand methane regulations which are soon to dominate the Oil and Gas space.

CAPITAL IMPROVEMENT PROJECTS

Streetlight Acquisition

The Public Utility Commission (PUC) approved Erie's Xcel streetlight acquisition application in early February. Town staff are working to develop a maintenance contract that will be in place prior to acquisition in approximately 90 days' post PUC approval and will be announcing an LED conversion contract via a formal bidding process as well as the development of a Streetlight Strategic Plan. Negotiations for streetlight acquisition continue with United Power.

OIL & GAS

News & Notes

There were no Oil and Gas operations requiring notification during the month of January. Town of Erie representatives did not receive any alerts for Move-In, Rig-Up operations, or any unplanned maintenance or flaring.

Additionally, no developments were made to outstanding Oil and Gas Development Plans (OGDPs) nor were any new applications received.

Spills & Releases

Operators reported 152 spills/releases during the month of January 2025, state-wide. Of these, one occurred within the municipal boundary of Erie. The spill was reported to ECMC on January 14th and was discovered at the Woolley F Unit 1 well located west of the Morgan Hill neighborhood. This well, owned by Civitas, was undergoing plugging when the spill was discovered. The spill happened at some point during the well's operation but was not discovered until confirmation sampling for the final plugging operations was conducted. Confirmation sampling consisted of the excavation of 4 cubic yards of soil, with samples being sent to a third-party lab for analysis. Further cleanup and site assessment activities are currently ongoing.

Inspections

ECMC Inspectors visited 34 oil and gas wells at 9 locations in Erie during the month of January 2025

- **BARB LTD 'B' UNIT-61N68W30NWN (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - BARB LTD 'B' UNIT 1
- **BARB LTD-61N68W30SWNE (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - BARB LTD 30-7
- **BARB LTD-61N68W30NENE (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - BARB LTD 30-1
- **BARB LTD-61N68W30SENE (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - BARB LTD 30-8
- **COMMONS-61N68W19NENW (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - COMMONS 3-19
 - COMMONS 21-29
 - COMMONS 28-19
 - COMMONS 6-19
 - COMMONS 5-19
 - COMMONS 18-19
 - COMMONS 4-19
- **CHAMPLIN #86 AMOCO G-61N68W17SESE (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - CHAMPLIN #86 AMOCO G 2
 - TALLGRASS 37-17
 - TALLGRASS 23-17
 - TALLGRASS 10-17
 - TALLGRASS 15-17
 - TALLGRASS 24-17
 - TALLGRASS 9-17
 - TALLGRASS 16-17
- **COSSLETT 22H-B168**
 - COSSLETT 1K-22H-B168
 - COSSLETT 1B-22H-B168
 - COSSLETT 1C-22H-B168
 - COSSLETT 1J-22H-B168
 - COSSLETT 1G-22H-B168
 - COSSLETT 1L-22H-B168
 - COSSLETT 1F-22H-B168
 - COSSLETT 1I-22H-B168
 - COSSLETT 1D-22H-B168
 - COSSLETT 1E-22H-B168
 - COSSLETT 1A-22H-B168
 - COSSLETT 1H-22H-B168
- **WIGGETT-61N69W13NWN (NON-ACTIVE LOCATION, RECLAMAION INSPECTION)**
 - WIGGETT 32-13
 - WIGGETT 4-2-13
- **UPRR 43 PAN AM B-61N68W3NWNW (NON-ACTIVE LOCATION, PLUGGED WELL INSPECTION)**
 - UPRR 43 PAN AM B 7

No Notices of Alleged Violation (NOAV) or Corrective Actions (CA) were issued during inspections.

Thus far in 2025, ECMC inspections have occurred at 14 of the 137 total active wells (those designated producing, shut-in, or temporarily abandoned) within Erie (10%).

AIR QUALITY MONITORING

BoulderAIR

The BoulderAIR ECC monitoring station reported 7 events in January where measured values exceeded the reporting thresholds. Live data are available at the BoulderAIR Dashboard <https://www.bouldair.com/erie.htm>

- Two measurements of methane concentrations exceeding the alert threshold of 5,000 ppb, with the highest reported value being 6,627.5 ppb (0.013% of the Lower Explosive Limit for methane, which is 50 million ppb). 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 Landfills.
- Five measurements of PM2.5 concentrations exceeding the alert threshold of 35.0 µg/m3, with the highest reported value being 42.0 µg/m3 (120% the National Ambient Air Quality Standard for 24-hour exposure of 35.0 µg/m3), though the measured event was less than 5 minutes in duration. While no observations approached the 24-hour primary standard, high PM2.5 measurements have been frequent since the BoulderAIR station was installed. When compared to the other BoulderAIR monitoring stations in the region, Erie's (ECC) PM2.5 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

No canisters were triggered for sample collection due to elevated PID sensor readings in the month of January. 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 <https://trello.com/b/3zmnSBUG/erie-air-quality-event-reports>

SUSTAINABILITY & WATER CONSERVATION

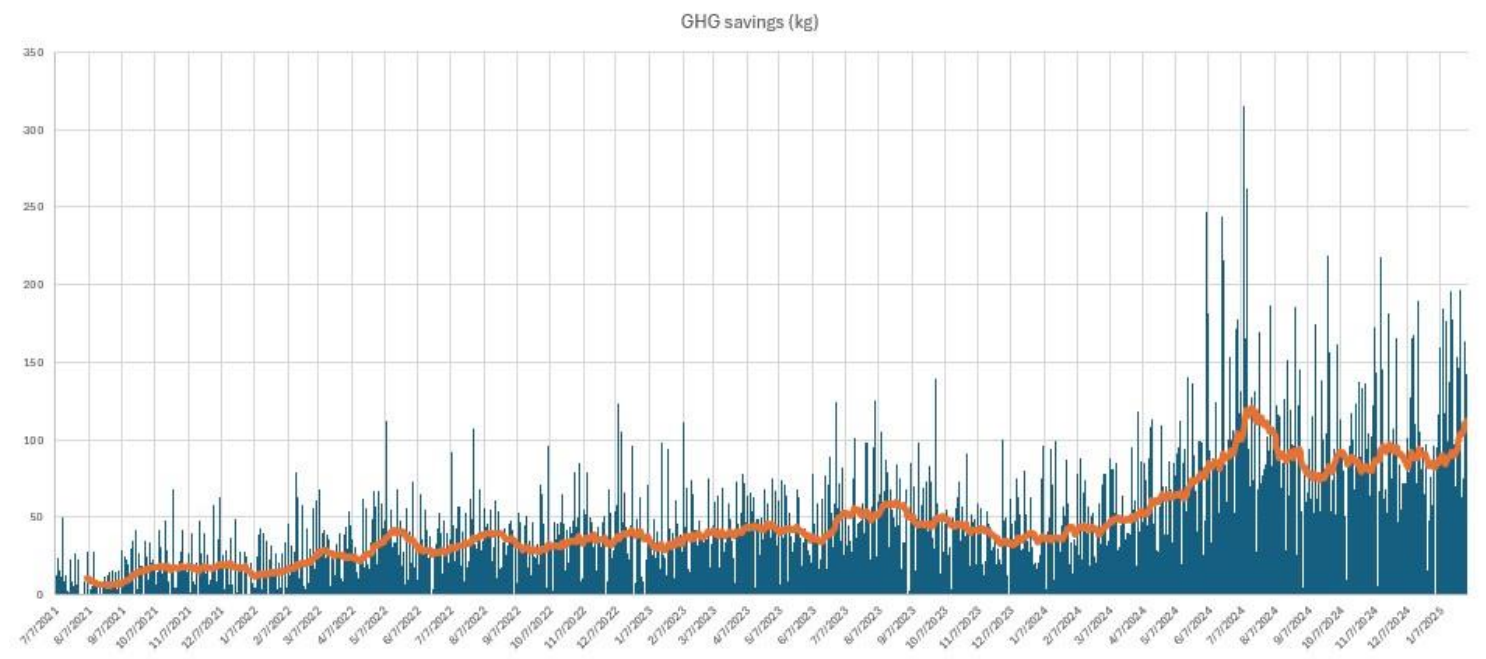
General Updates

With the approval of Erie Town Council, Erie's Climate and Sustainability Action Plan contract was signed with Lotus Engineering and Sustainability. Plan development will kick off in late February. This plan will update Erie's current [2019 Sustainability Plan](#) while developing and incorporating Erie's first Climate Action Plan based on Townwide greenhouse gas inventories for 2021 and [2023](#).

Development of the Town's first Resilience Action Plan started in early February. This plan is being developed in collaboration with the Sustainability Division and three students from the CU Boulder Masters of the Environment Capstone Program. This project marks the first resilience focused project for the Sustainability Division and will bring resilience to the local level from the current county-based planning. This plan will include community and stakeholder engagement with a draft plan completed in early fall of this year.

Air Quality & Transportation

- In late December, the Sustainability Division and Grants Team were awarded 13 level 2 charging ports through the state's [ChargeAhead grant program](#). These chargers will be installed at Town Hall, Schofield Farm, and the Leon A. Wurl Service Center. These chargers will be installed in 2025 per the requirements of the grant and will bring 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: <https://www.erieco.gov/1931/Radon-Information>. Total air quality related rebates in 2024 were \$1,500 with 11 participants.
- A Level 2 dual port charger at the Police Department will be operational by late February. This charger is the first EV charging for this facility and will support police fleet vehicles as well as charging for department staff. This is currently not a publicly available charger.



The above ChargePoint Town of Erie graph (22 ports of Level 2 charging) outlines the total greenhouse gases (GHG) avoided through Town owned public chargers since operations began in 2021. Town of Erie EV chargers have prevented the emission of 59,280 kg of GHG or avoiding 263,294 miles of emissions from driving an average gas-powered vehicle.

Energy & Efficiency

- The last of three Beneficial Electrification Plan partner meetings was held Jan. 22 to discuss proposed Town electrification goals and strategies. The first draft of this plan was sent to staff in mid February and will be presented to Town Council during a Study Session on March 18. 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.
- The first full year of [Energy Efficiency Rebates](#) were a success with 2024 seeing \$47,425 in rebates and 258 participants. The 2024 Boulder County Sustainability Matching Grant supported a significant portion of our Boulder County resident participation in this program and will continue to do so until June 2025 or 2024 grant funds are exhausted.

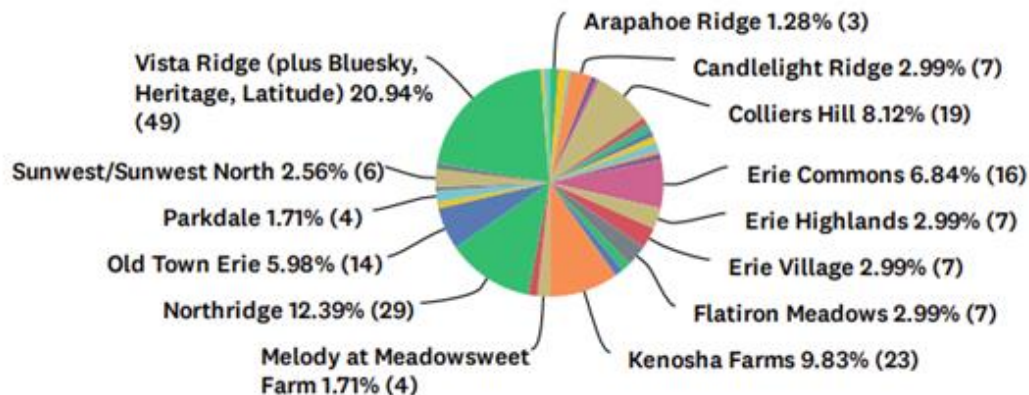
- The Sustainability and Building Divisions continue to actively participate in the Regional Energy Code Cohort. Current effort is focused on the Climate Pollution Reduction Grant championed by the Denver Regional Council of Governments (DRCOG). Erie is a partner in this \$199 million grant focused on emissions reduction from the built environment and transportation sector through building electrification, work force development, and education and outreach. Additional programming and funds should soon be available to support electrification related efforts including installer resources and resident adoption.

Waste Diversion

- The Sustainability Division's waste hauling resident and HOA survey was closed in late January, having been open since August 2024. This survey saw over 230 responses and included representation from HOAs throughout Erie as well as non-HOA neighborhoods (see representation below). To date, ~70% of those that responded indicate that they do not know what they currently pay for their curbside hauling as the cost is wrapped into their HOA fees. If you are an HOA board member and would like to discuss your waste hauling perspective and experience, please email SustainableErie@erieco.gov.

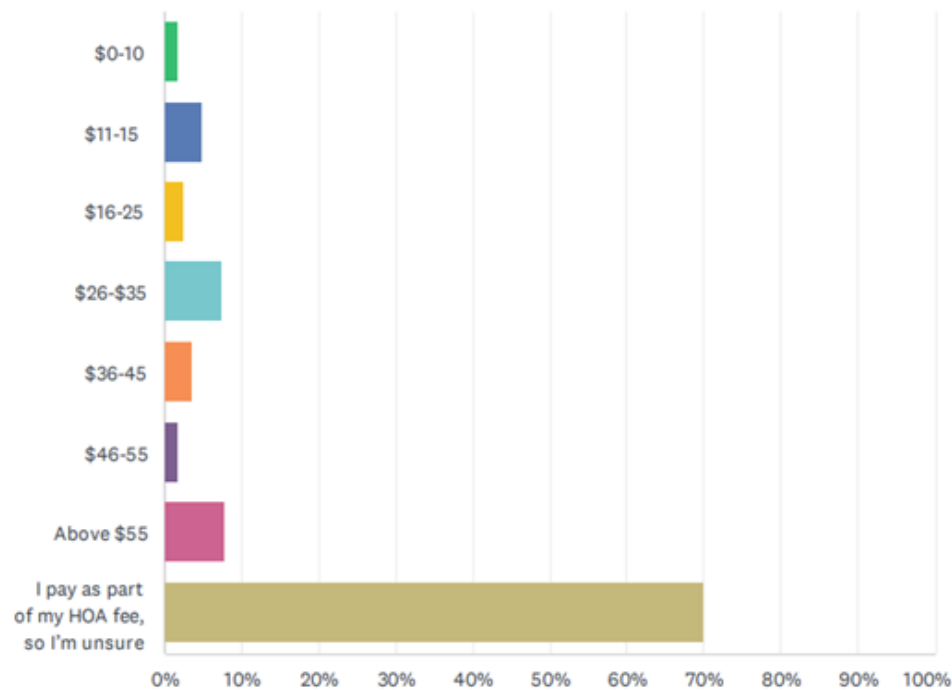
Q1 Which Neighborhood do you live in?

Answered: 234 Skipped: 0



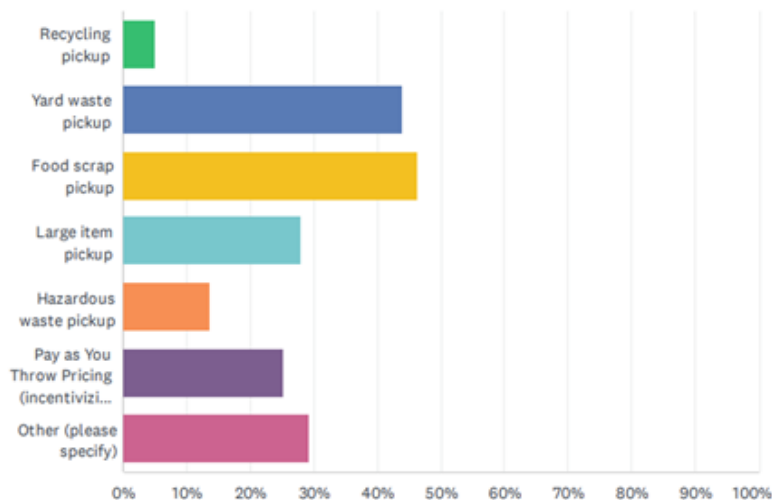
Q15 How much do you pay for the services provided by your hauler?

Answered: 226 Skipped: 8



Q17 Are there any additional services you would like to have your hauler provide at your home?

Answered: 175 Skipped: 59



- Erie experienced a slow yet successful first few months of its [Waste Diversion Rebates](#) for Town businesses and residents. This program includes rebates for businesses such as compost 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 rebates in 2024 were \$85.98 with two participants with 2025 rebates already well beyond this amount.

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, raffle, landscaping experts, renewable energy information, and multiple kid's activities like book reading, games and crafts. Event organizers have confirmed over 20 vendors but are still accepting applications here: <https://www.erieco.gov/454/Arbor-DayEarth-Day-Celebration>.
- The Town of Erie Sustainability Newsletter has reached 550 subscribers. If you're not yet in the sustainability know, sign up here: <https://www.erieco.gov/list.aspx?PRVMSG=300>.

Water Conservation

- Erie's 2024 awarded WaterSmart Mini Grant from the federal government was paused in early February. These funds were awarded to support the Leon A. Wurl Turf Conversion project. Luckily there are still state awarded grant funds to support this project but due to the pause the project may need to be scaled back or phased over a few years. We'll know more once the project designs are received.
- A contract was signed with Kimley Horn for design services for the turf conversion project at the Leon A. Wurl Service Center. A site visit was completed with Kimley Horn and the project management team in January.
- We received a redlined Water-Wise Landscaping Ordinance in December and completed one meeting as a large group to review the draft. Due to the holidays and other competing priorities for the internal stakeholder team, January 31st was the deadline for feedback and comment with another team meeting likely occurring in mid to late February to review feedback and lingering questions.
- Erie's [Turf Replacement Rebate Program](#) was launched for the 2025 rebate season.
 - Three 2025 projects were listed as of 2/13/25
- Total numbers from Erie's 2024 Turf Replacement Rebates Program:
 - 72,429 square feet of turf converted to low water use plantings
 - \$83,881 in rebates with over 68 participants
 - Average rebate amount was \$1,331.45
 - Average project square foot was 1149.7
- [Water Efficiency Rebates](#) for 2024:
 - 221 rebates provided to residents representing \$20,330.43 in rebates for 2024
- 2025 Water Efficiency Rebates are live with new commercial offerings for toilets and urinals soon to be announced.

Accounts with EyeOnWater

24%

Out of 11,989 Accounts



9,129 76%
Without EyeOnWater

2,860 24%
With EyeOnWater

User Count

2,675

EyeOnWater Users

Active in the last 30 days



Active in the last 24 hours



New Sign-ups

53

Sign-ups in Last 6 Months



[View All EyeOnWater Users](#)

[View Detailed User Analytics](#)

