

Memorandum

REPORT TO: Sustainability Board

FROM: Kesslie Carlson-Ham, Sustainability Program Analyst
Natalie Meyer, Sustainability Program Manager
Jon Henderson, Assistant City Manager

SUBJECT: 2024 Community Greenhouse Gas Emissions Inventory Draft

MEETING DATE: July 9, 2025

AGENDA ITEM TYPE: Plan/Report/Study

RECOMMENDATION: 2024 Community Greenhouse Gas Emissions Inventory Draft.

STRATEGIC PLAN: 6.3 Climate Action: Reduce community and municipal Greenhouse Gas (GHG) emissions, increase the supply of clean and renewable energy; foster related businesses.

BACKGROUND: With the adoption of the 2020 Bozeman Climate Plan, Bozeman established science-based greenhouse gas reduction targets. The goals represent our community's share of greenhouse gas reductions necessary to meet the 2015 Paris Climate Agreement's goal of limiting global warming to 2°C (3.6°F) above pre-industrial average levels, while also pursuing efforts to limit warming to 1.5°C (2.7°F). Bozeman's ambitious goals include:

- Reduce greenhouse gas emissions 26% below 2008 levels by 2025,
- Achieve 100% net clean electricity by 2030, and
- Achieve carbon neutrality by 2050.

To track progress and inform future programming, the City of Bozeman committed to completing a community greenhouse gas emissions (GHG) inventory every two years to monitor emissions within the City of Bozeman's boundary. The inventory was completed by the Sustainability Division using the methodology and reporting template outlined in the Global Protocol for Community-Scale Greenhouse Gas Emissions (GPC) standard to provide a complete, transparent, and accurate accounting of Bozeman's emissions.

Sustainability Program Analyst, Kesslie Carlson-Ham, and Sustainability Program Manager, Natalie Meyer, will present a summary of the 2024 Community Greenhouse Gas Emissions Inventory draft. Members of the Sustainability Board will be invited to ask questions and provide input on the findings, and discuss strategies to effectively communicate information from the report. A future work session will provide an opportunity for the Sustainability Board to discuss and consider strategies to advance Bozeman's

emissions and clean energy targets.

UNRESOLVED ISSUES: None.

ALTERNATIVES: As suggested by the Board.

FISCAL EFFECTS: None.

Attachments:

[2024 GHG Inventory Report DRAFT.pdf](#)

[2024 GHG Inventory Infographic DRAFT.pdf](#)

Report compiled on: July 3, 2025