



# Colorado Industrial Recycling 2022 Annual Report

## 2022: A Year in Review

2022 was a busy year at Colorado Industrial Recycling. It was a year that involved several investments in our operations. We took over some space from one of our tenants, revamped our auto processing department to build capacity, expanded our weld shop, redesigned the baghouse system in our wire processing plant, and upgraded several pieces of heavy mobile equipment. We also continued to look for ways to diversify our services. During the year, we were involved in several special projects that complemented our traditional operations.

“I am tomorrow, or some future day, what I establish today. I am today what I established yesterday or some previous day.”

-James Joyce



## 2022 Highlights

- CIR was one of the inaugural businesses to obtain gold level certification to the Colorado Green Business Network (CGBN)
- 1<sup>st</sup> recycler in Colorado to obtain gold level certification
- 1<sup>st</sup> business of any industry in Southern Colorado to obtain gold level certification

## Environmental Impact

### Recycled Material

- Recycled 53,256,807 lbs. of ferrous metal (up 16% from 2021)
- Recycled 3,803,761 lbs. of nonferrous metal (up 15% from 2021)
- Recycled 690,210 lbs. of cardboard (up 22% from 2021)
- Recycled 184,287 lbs. of glass
- Recycled 420,293 lbs. of wood
- Recycled 6,643 gal. of used auto fluids (up 162% from 2021)
- Recycled 176 lbs. of freon gas
- Recycled 143,530 lbs. of tires (up 279% from 2021)
- Recycled 89,400 gallons of water (up 53% from 2021)

### Material Directed for Reuse

- Directed 642,162 lbs. of metal for reuse (up 65% from 2021)

### Utility Usage

- Electricity usage per ton collected increased by 3.5%
- Natural gas usage per ton collected increased by 9.6%
- Reduced water usage per ton collected by 21.3%
- Reduced vehicle fuel used per ton collected by 6.7%

Mining of virgin materials is a very carbon intensive activity. Consequently, recycling has a very substantial impact on greenhouse gas emissions. The material recycled by Colorado Industrial Recycling in 2022 resulted in avoidance of 195,530 metric tons of CO<sub>2</sub>e emissions (13% improvement from last year). It is the equivalent of removing 506,555 cars from the road!

# Operational Highlights

## Operational Statistics

- Semi trucks travelled 175,737 miles
- Roll-off and hook trucks travelled 142,858 miles
- Yard equipment operated 20,925 hours

## Maintenance and Weld Shop

- 778 work orders completed by Maintenance Department
- 543 work orders completed by Weld Shop

## Wire Processing

- Collected 1,032,271 lbs. of insulated wire (up 3% from 2021)
- Plant produced 589,625 lbs. of chops (up 23% from 2021)

## Employment

- 26% of the staff have barriers to employment
- Qualified nine new forklift operators
- Qualified three new skid steer operators
- Qualified two new wheel loader operators
- Qualified three new mini excavator operators
- Qualified two new excavator operators

