

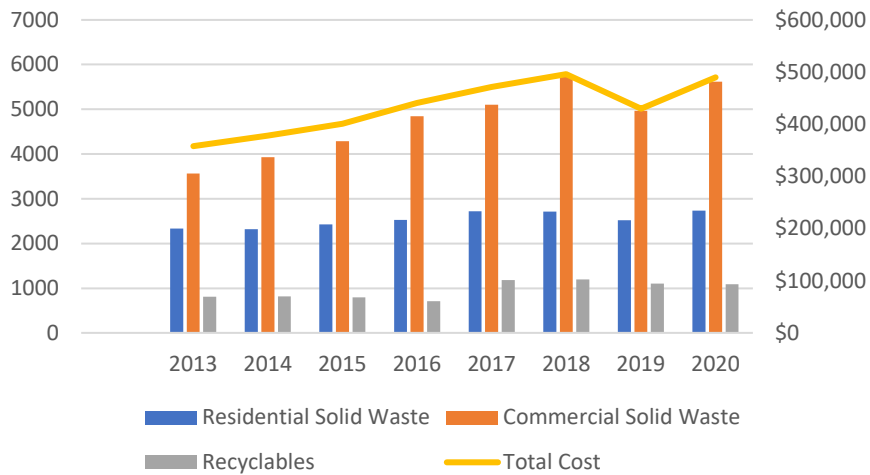


# Solid Waste

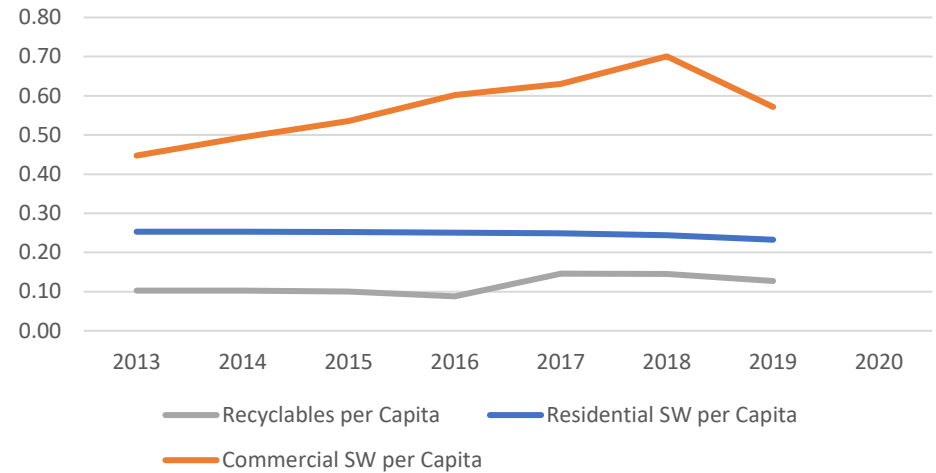
Hailey City Council Resiliency Workshop

September 14, 2020

City of Hailey Solid Waste (tons)



City of Hailey Solid Waste per Capita (tons)



## Solid Waste Benchmarking 2013 - 2020

**Note:**

Residential and commercial “extra pickups” were reported in cubic yards. Cubic yards were converted to tons by assuming 275 pounds per ton based on EPA data for average weight to mixed municipal solid waste.

A wide-angle photograph of a landscape featuring rolling hills and mountains under a clear blue sky. The foreground is a flat, gravelly area. In the middle ground, there is a large, dark, conical pile of material, likely compost or waste. The background shows several hills and mountains, some with sparse vegetation. The text "Ohio Gulch Transfer Station" is overlaid in white on the upper part of the image.

## Ohio Gulch Transfer Station

### Solid Waste Tour

- Composting of green yard waste - Southern Idaho Solid Waste (SISW) does not have a permit to compost green yard waste containing the herbicide Clopyralid, which is a legal herbicide in Idaho but not most other states. Therefore, they compost only the allowed 600 cy without a permit and apply it only at the landfill.

## Ohio Gulch Transfer Station



### Solid Waste Tour

- Diversion of woody yard waste – the material is chipped and sold to a dairy for cattle bedding.
- Diversion of clean construction wood – Currently SISW has no buyers for the material that may contain nails or screws. In addition, very little sawn lumber is used on construction sites these days. SISW has no diversion program for engineered wood products.

A photograph of the Ohio Gulch Transfer Station. The image shows a large, arid hillside in the background with sparse vegetation and a few evergreen trees. In the foreground, there are several rectangular ponds or basins, some containing dark material, likely sludge, and others that appear to be covered with a layer of crushed glass. The sky is clear and blue.

## Ohio Gulch Transfer Station

### Solid Waste Tour

- Demolition diversion – Whole house demolition material is landfilled at Ohio Gulch and layer with inert crushed glass.
- Bio sludge diversion – The sludge is stored in ponds at Ohio Gulch. The County and cities are researching possibilities to put it to beneficial use.
- Diversion of metal – Successful.

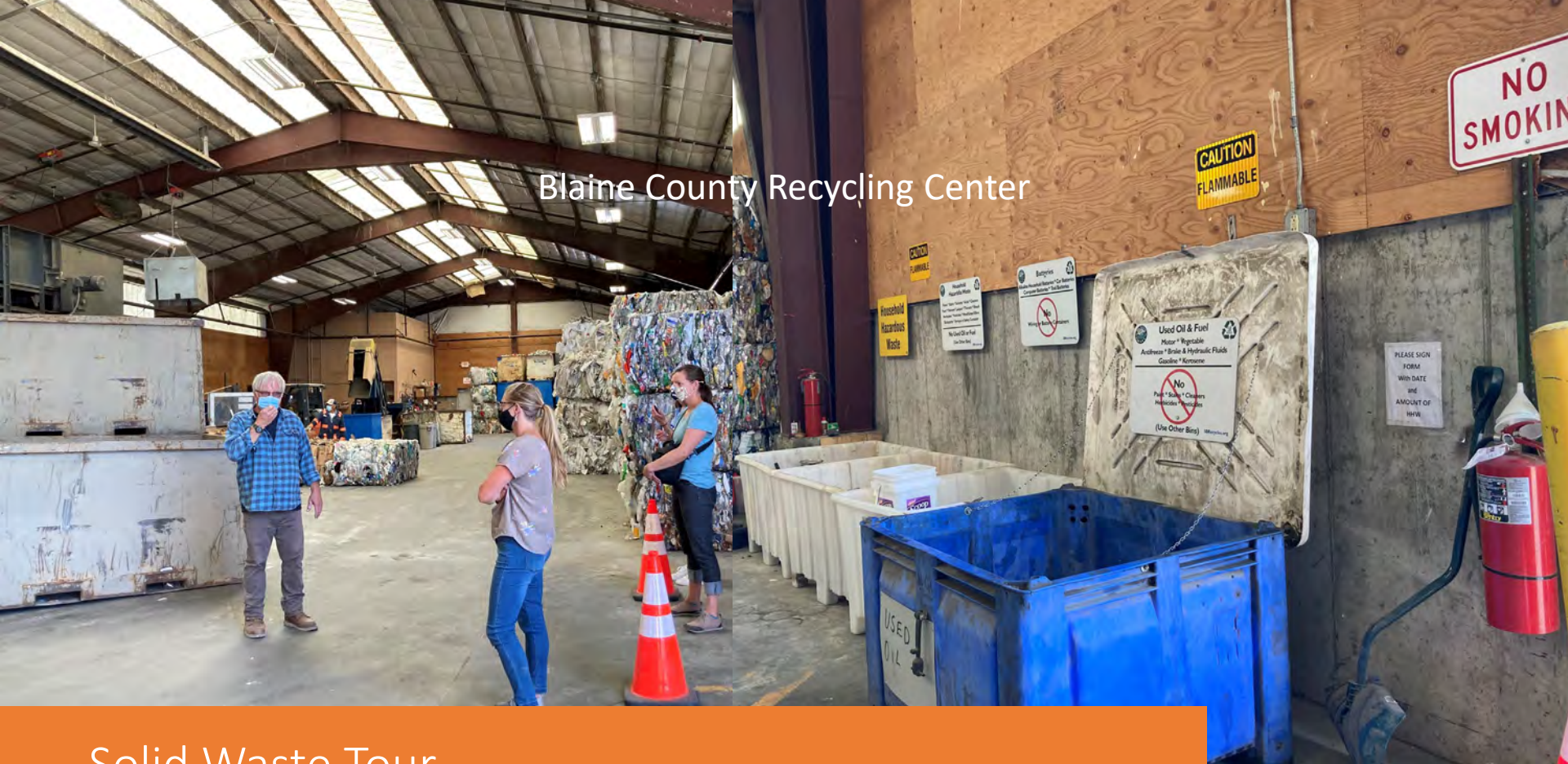


Blaine County Recycling Center

## Solid Waste Tour

- Tin and aluminum are most successful products. Market is good, they are easy to separate.
- Cardboard also has a good market.

## Blaine County Recycling Center



## Solid Waste Tour

- Paper and plastic are more often contaminated and the market for them is less strong.
- Batteries and used oil can also be recycled.

A large pile of cardboard boxes and other debris in a recycling center. The boxes are mostly brown and some have labels, including one for an "LG UHD TV". The pile is situated in a room with a wooden wall and a concrete floor. A fire equipment cabinet is visible on the left side of the image.

## Blaine County Recycling Center

### Solid Waste Tour

- Contamination is the key issue. Contaminated loads are sent to the landfill.
- Curbside collection is generally pretty clean, but community recycling bins (plastic, paper and tin/aluminum) are generally too contaminated to recycle, and the product ends up in the landfill.
- Drywall, engineered wood and asphalt shingles may offer new reuse possibilities in the future.



Milner Butte Landfill

## Solid Waste Tour

- Methane, created by anerobic decomposition of biomaterials at the landfill, is captured and burned to generate electricity, reducing greenhouse gas impact by almost 400% (from 12.5k to 3.2k metric tons)!
- Annual truckloads from Blaine County equal about 1,400 per year, with a 200 mile round trip. Hailey's greenhouse gas impact from transportation of solid waste is bout 238 metric tons.
- Blaine County is the only one of 7 served by SISW that diverts with substantial recycling.
- SISW is currently conducting a waste stream analysis that will inform future decision making.



## Solid Waste Franchise Agreement Status

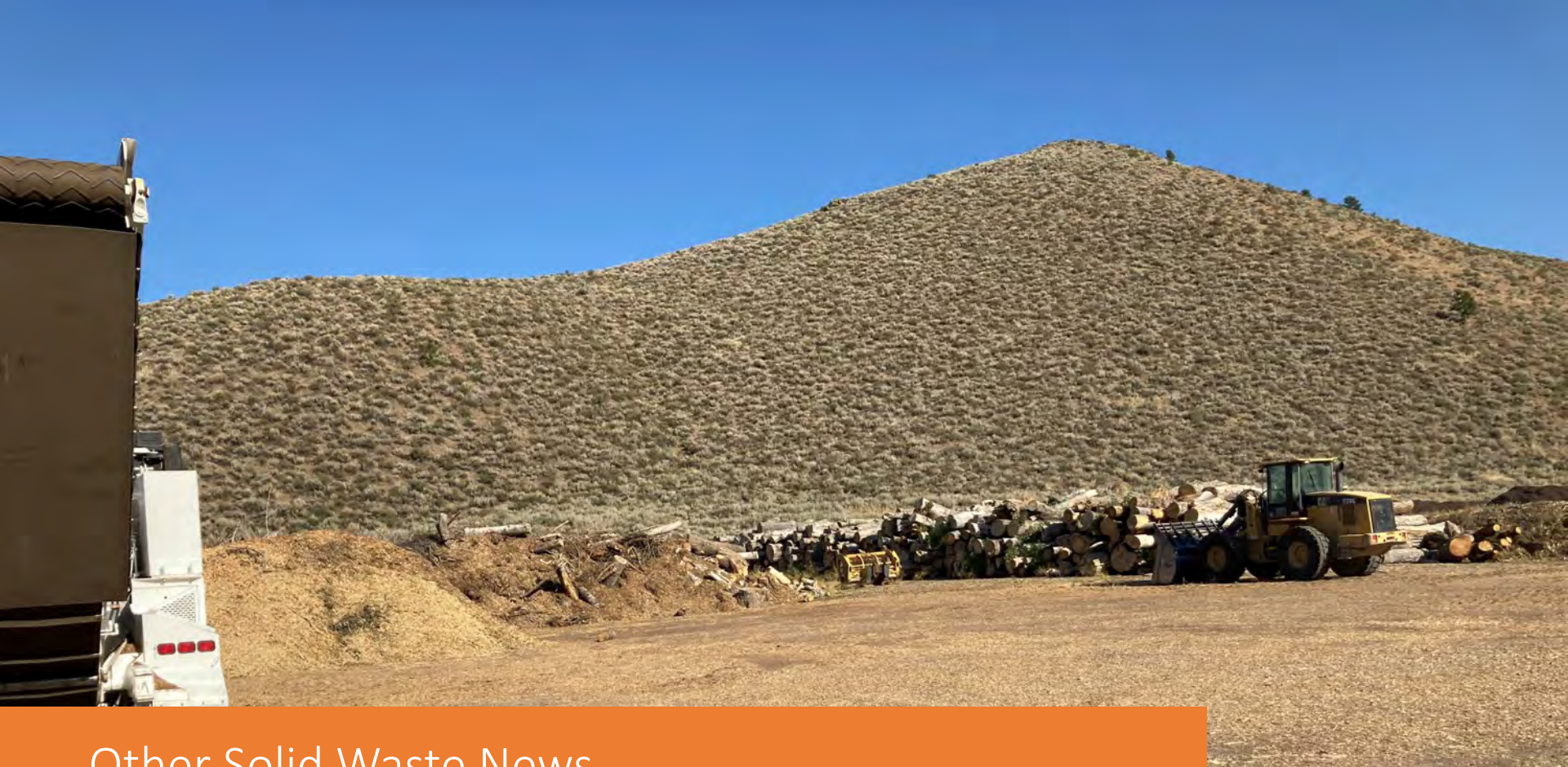
- City of Hailey staff is working with City of Ketchum to align priorities.
- Both cities are working with Clear Creek Disposal to determine feasibility and associated costs.

## Cities of Hailey & Ketchum Solid Waste Franchise Update Ideas

Concept	Cost	Priority/Notes
In addition to current trash and recycling curbside pickup, require collection of food and yard waste		
Expand semiannual yard waste collection at park and ride lot to (2) weekends in the spring		
Improve construction waste (clean wood, cardboard, metal. To be billed directly to contractor)		
Work with County to improve recycling. Move to single stream?		
Require analysis to increase route efficiency		
Require transition to cleaner hauling trucks -Natural gas, with goal of moving towards -Electric		
Require enhanced outreach by disposal company		
Better signage at recycling centers		
Feedback flyers to improve recycling sorting behavior		
Creation of bold, simple recycling instructions to post on refrigerator		
Encourage Reduce & Reuse efforts in before Recycling		
Coordinate on organization and maintenance of citizen ambassador team		
Offer greater variety of trash containers with meaningful savings for use of smaller containers to encourage folks to minimize their trash waste		
Implement incentive/penalty program for achieving goals		
Require enhanced reporting		
Convert cardboard recycling bins to cardboard compactor		
Eliminate the city stand alone "recycling centers"		
Provide/require recycling containers at multi-family developments		
Identify downtown street trash cans that can be picked with a truck arm—identify placement locations and frequency of pick-up		

## Solid Waste Franchise Agreement Status

- Top priorities:
  - Investigate feasibility of single stream recycling. Would it decrease contamination and, thus, increase amount that is recycled? Boise has a Dirty Merf automatic sorting facility.
  - Implement curbside compost collection program.
  - Increase recycling at multi-family complexes. Single stream may make this more feasible.
  - Have hauler empty City's on-street trash cans.
- New franchise agreement to be in place by May 2021.



## Other Solid Waste News

- Hailey did not receive the Community Compost and Food Waste Reduction grant. There were 78 applicants and about 10 awards. The grant will be offered again next year.
- The historical data supplied by Clear Creek has been entered into the greenhouse gas inventory. We are still waiting on Intermountain Gas data. Once that is received, the inventories will be finalized.