RECYCLE COLORADO

Large Processor Innovations

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AMP™
WASTE CONNECTIONS

Auger Screens The Next Step Forward in Single Stream Processing

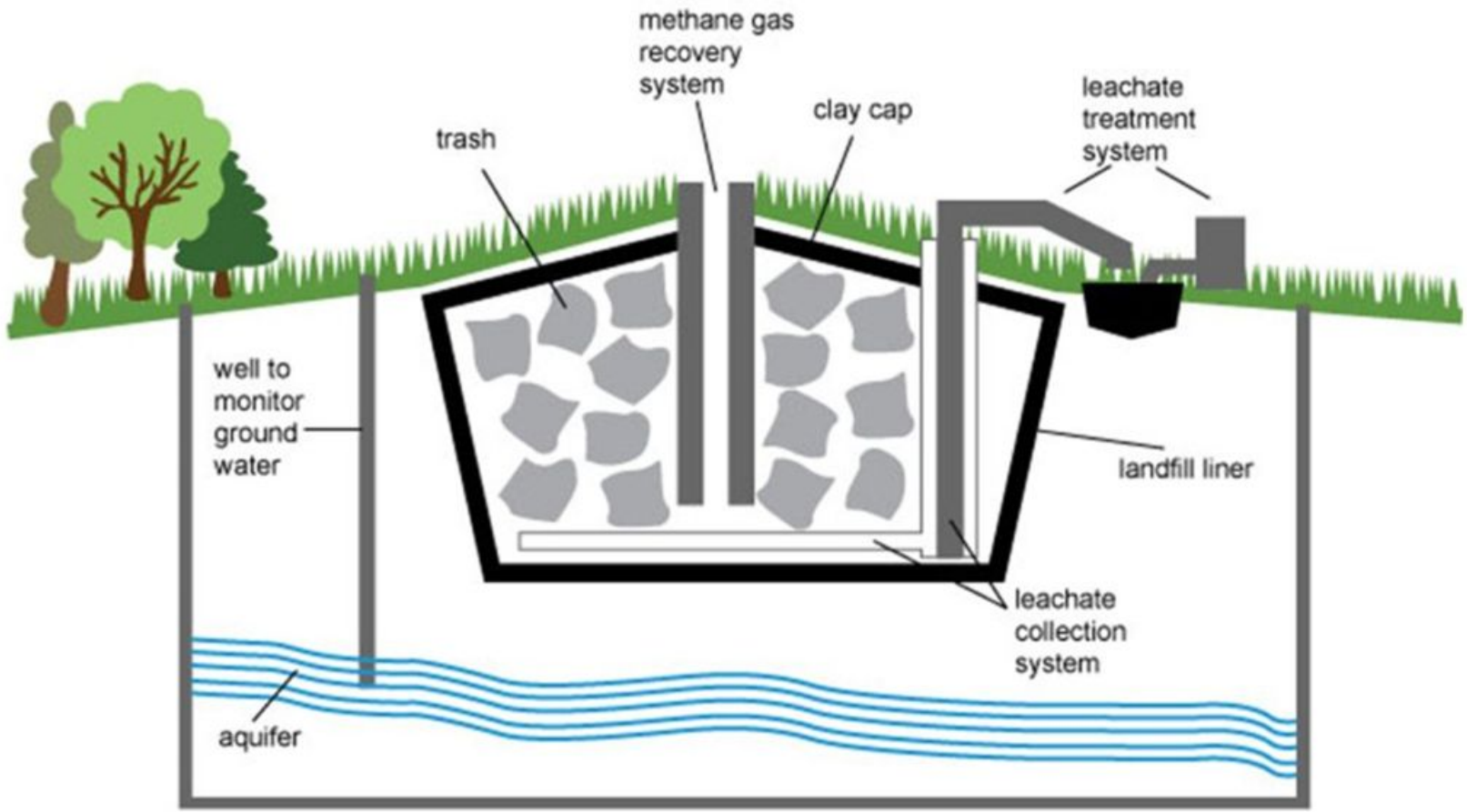
Auger Screens – Non-Wrapping

- Eliminates the need for presort stations in system design.
- Improves worker safety
- Improves product quality
- Reduced fire risk
- Reduction in staffing levels
- Reduced maintenance cost
- Lower cost of operations

Auger Screens

- Auger Screens installed at WM Colorado Springs MRF in December of 2024.
- Operational result for the screen have been outstanding. Downtime for jams in OCC eliminated.
- WM Denver East MRF will use the Auger Screens in place of traditional OCC screens and traditional fiber screens.

Landfill gas basics: landfill construction and gas extraction



What is RNG?

RNG vs. Conventional Natural Gas

- Renewable natural gas (RNG) is chemically identical to fossil natural gas (NG) and can be used interchangeably with NG in residential, commercial and industrial applications.
- Landfill RNG reduces lifecycle greenhouse gas emissions by at least 60% with carbon intensities 40-60% less than that of NG
- RNG is typically transported or delivered via book-and-claim of environmental attributes

How is RNG Different?

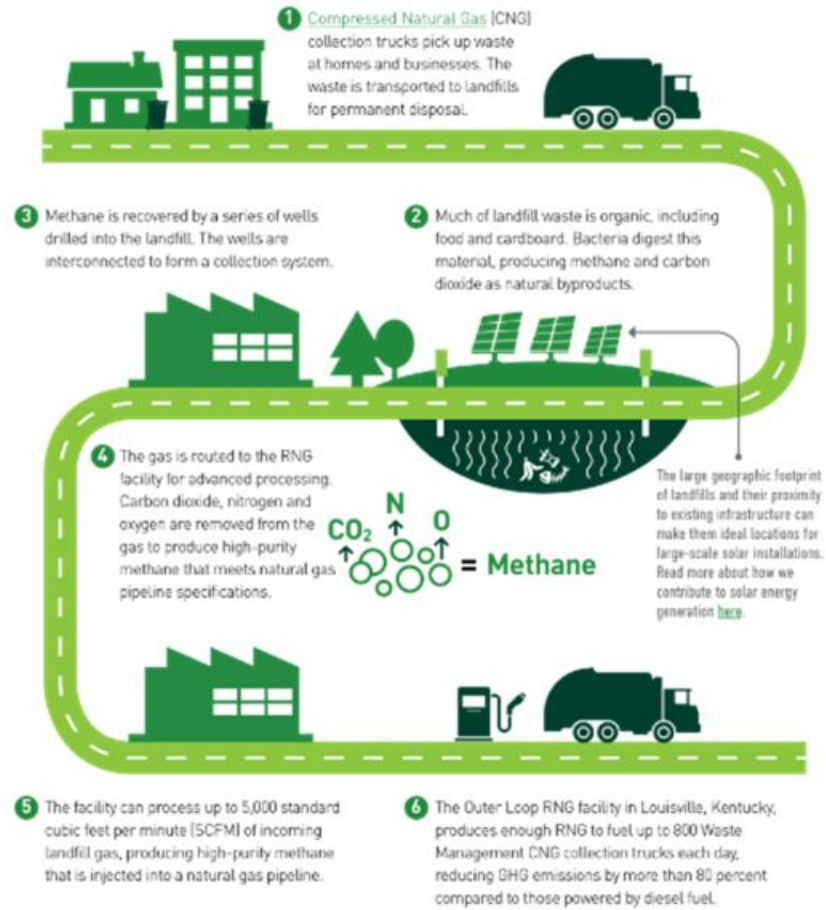
- The key differences between conventional NG and RNG are how it is sourced and the relative decarbonization impact to the environment during the process of capturing it:
- Conventional NG is sourced from the fossilized remains of plants and animals deep within the earth. Its extraction releases additional carbon and other greenhouse gases (GHG) that were previously sequestered.
- RNG is sourced from a variety of feedstock and is deemed renewable because the process used to capture it removes methane and other GHGs that would otherwise be released into the atmosphere.

What Is WMRE Doing With RNG?

- Landfill owners & operators use on-site methane gas recovery and processing plants, like those owned by WMRE, to produce pipeline quality RNG from captured landfill gas that is directly injected into the domestic pipeline network.

RNG/CNG Overview

- RNG reduces up to 80 percent of CO2emissions relative to diesel fuel, improves local air quality, and facilitates a quieter driving experience for our customers and communities.
- WM currently is among the largest producers of RNG, with significant investments in RNG facilities, CNG/LNG fueling stations, and CNG/LNG vehicles.

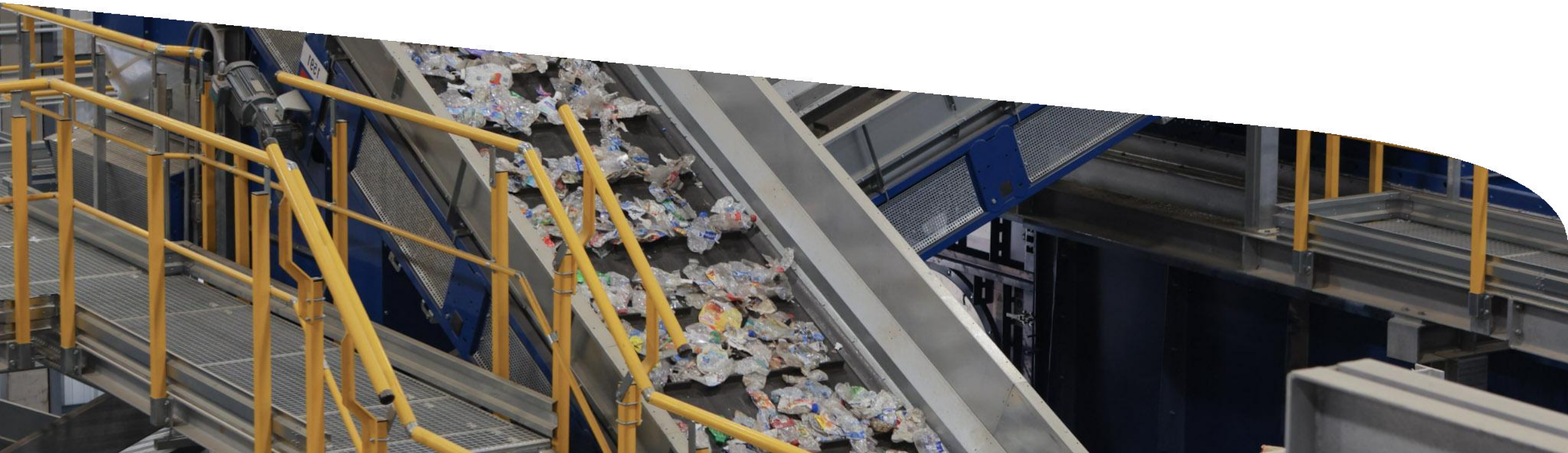


Fundamentals for circularity innovations

Easy and convenient for Consumers

Leverage existing infrastructure

Produce resin for circular reuse



Mixed Paper

Recycling Center
Tip Floor

OCC

Glass

2D lin

Residue

3D li

Metals

Plastics

Polymer
Center

50%

15%

Mixed Paper

25%

Recycling Center
Tip Floor

OCC

Glass

2D lin

Residue

3D li

Metals

3-4%

Plastics

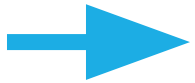
6-8%

Polymer
Center

MRF bales are only the beginning

Secondary sortation drives circularity




Thank you & your Contact info

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