



SPOKANE MATERIALS AND RECYCLING TECHNOLOGY (SMaRT) CENTER

The largest recycler in North America is now bringing State of the ArtSM recycling to the Inland Northwest. Technology upgrades at the SMaRT Center—WM's regional recycling facility in Spokane—are driving greater efficiency, versatility and automation to support sustainability for communities and businesses in Washington and Idaho.

With advanced technology and WM's sophisticated design, this facility is expected to increase recycling capacity by 37%. The result is less waste and more recyclables that can be used for new products.

In Washington, WM's latest investment to advance recycling technology totals more than \$65 million. Across the U.S. and Canada, WM plans to invest more than \$1.4 billion to build or upgrade approximately 40 recycling facilities.

Recycling Today, For Tomorrow[®]

WM's latest technology investment at SMaRT allows the facility to capture more recyclable materials and achieve the high quality standards required by companies that use the materials to make new products. After recyclable materials are sorted at SMaRT, they can be used to create new products such as WM driver uniforms, curbside recycling bins and everyday items like cereal boxes and soda cans.

FACILITY SPECIFICS



TECHNOLOGY INVESTMENT
\$18 million*



HOUSEHOLDS SERVED
92,000*

The SMaRT Center processes recyclables collected in Eastern Washington, Central Washington, Columbia Basin and North Idaho.



OPTICAL SORTERS
6



HIGH-SPEED CONVEYOR BELTS
6



FACILITY EMPLOYEES
40

*Approximation



LOCATION

2902 South Geiger Boulevard
Spokane, WA 99224
wmnorthwest.com/smartrecycling

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Efficiency. Versatility. Automation.

WM's SMaRT Center uses an intricate network of conveyor belts and technologies. It's like a high-tech Swiss Army knife.



1 | ROTATING DISKS



Equipment with high-speed rotating disks and screens separate cardboard and paper from other incoming materials.

2 | MANUAL SORTING



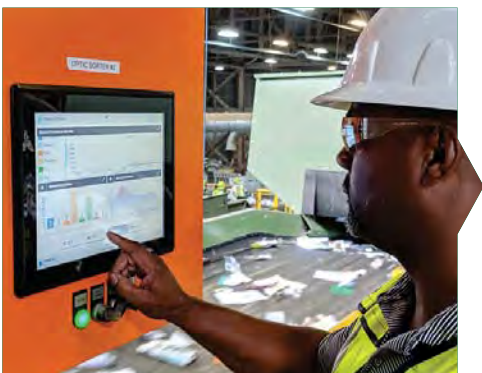
Workers manually remove garbage and items that contaminate recycling (items that should not have been placed in recycling containers).

3 | MAGNETS



Huge magnets separate magnetic metals while an eddy current uses reverse magnetic forces to separate aluminum—a non-magnetic metal.

4 | OPTICAL SORTERS



Computers with eyes! Technicians program optical sorters so image sensors, light waves and air jets can identify and separate materials.

5 | ROBOTICS



Robotic sorters identify and remove materials in the paper stream for greater efficiency. A single robot pod can sort 100 items per minute!

6 | AUTOMATED BALERS



Clean, sorted materials are compacted and bound into bales, ready to be shipped to end markets for a second life.



Always Working For A Sustainable Tomorrow®