

Madison Golf and Development Group (MGDG) and 2<sup>nd</sup> Season Recycling

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Utilizing its partnership with a local landscaping firm, the Bruce Company, Madison Golf and Development Group entered the recycling industry in 2007 and recently created 2<sup>nd</sup> Season Recycling. 2<sup>nd</sup> Season Recycling turns wastes into reusable products. Since 2008, the company has taken in over 20,000 tons of tear off shingles and construction and demolition waste, which includes plastic, paper, cardboard, gypsum drywall, wood products, that previously would have been diverted to the landfill and converted the construction waste into compost and the construction wood into landscape products. The tear off shingles are processed and resold for incorporation into hot mix asphalt, and the WDOT recently approved its incorporation into state highway projects.

Yard waste is also received, ground and composted. About 40,000 cubic yards of material are currently at various stages of the process. The finished product is used as a planting medium, erosion control materials, and most recently, being utilized as a primary turf feeding mechanism this year on golf courses. The company is realizing an 85% recovery rate on recyclable materials.

The golf compost is being utilized by Madison Golf and Development Group's golf operations in lieu of 90% of the fertilizer and chemical applications used previously. In addition, environmentally conscious course design has minimized, if not eliminated, erosion into adjacent properties.

Sustainable golf course management practices (erosion control, utilizing water, etc.) developed and implemented by Madison Golf and Development Groups affiliate, the Bruce Company, have been replicated at over 70 golf courses nationally. In developing the Meadows at Sixmile (Waunakee, WI) the company mitigated 27 acres of wetlands, creating areas that were returned to functional wetlands. The course has nine ponds that are interconnected to store stormwater that can be utilized for irrigation supply. The course is designed to drain internally, so any water not infiltrated is captured and reused.

2<sup>nd</sup> Season Recycling's innovative reuse practices have inspired many businesses, communities and others. Brush from 14 communities is processed by the company and becomes compost. The compost is mixed with grass seed and spread on new lawns. Using this method allows turf grass to grow 60-70% faster than a traditional lawn. Asphalt shingles become parking lots, highway paving and used for golf cart paths (gravel dust control). Wood fiber is dyed and used as mulch.

ABC's Extreme Makeover Home Edition television show made use of 2<sup>nd</sup> Season's services last year when the show demolished an existing home and built a new home for a Wisconsin family. 2<sup>nd</sup> Season processed the construction and demolition waste from the project. 2<sup>nd</sup> Season's recycled products were used for erosion control during construction and compost to create a new lawn, and recycled wood was turned into mulch for the landscaping.

The company is always looking for the next step; currently exploring food waste products for addition to their recycling program.

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