



LEMONS SANITARY LANDFILL MSW LANDFILL

LOCATION

Dexter, MO

OWNER

Republic Services

ENGINEER

Weaver Consultants Group

CONTRACTOR

Comanco

SIZE

15 Acres

DATE COMPLETED

2020

CLOSURETURF® is a U.S. registered trademark which designates a product from Watershed Geosynthetics, LLC. This product is the subject of issued U.S. and foreign patents and/or pending U.S. and foreign patent applications.

PROJECT DESCRIPTION

Lemons Sanitary Landfill is the first approved final closure in Missouri to use ClosureTurf. The site struggled with availability and quality of soil to close with a traditional vegetative cap. Because ClosureTurf requires no soil to close, it reduced the number of truckloads required to bring in soil and reduced the overall carbon footprint. It also reduces the amount of maintenance activities required during the post closure care period including, seeding, fertilizing mowing, and the rebuilding of slopes due to weather events.

In its eleventh year of in-ground performance, ClosureTurf has proved its ability to solve erosion challenges for landfill final covers. Over 2,500 acres have been installed and are performing successfully around the country even in areas where extreme weather has hit. It has been tested and subjected to significant, if not historic weather events, including, hurricanes, extreme rainfall, flooding, high winds, harsh winters and seismic events. ClosureTurf has held up under conditions that would result in complete washout, failure and rebuilding of traditional solutions.

