

Great Plains Manufacturing, Inc. - Abilene West Manufacturing Plant

1. Outline

Address	2150 NW 8th, Abilene, KS 67410, USA
Site area	350,000 ft ²
Establishment year	2020
ISO14001 certification date	Not Certified
Site overview	Manufacturing All-Flex Mowers, Zero Turn Mowers, Flail Mowers, Grooming Mowers, Single Spindle Rotary Cutters, etc.



2 . Products

Main products



3 .Environmental policy

It is the established policy of Great Plains Manufacturing to comply with all federal, state, and local environmental laws and regulations. We will continue to preserve and protect the integrity of the environment throughout all facilities and our manufacturing process. We will develop, maintain and employ Environmental Management Systems (EMS) and procedures specifically designed to minimize the use of hazardous materials, energy and other natural resources, to minimize the generation of waste, and to enable recycling and reuse of materials.

4.Environmental performance data (Jan. 2021 to Dec. 2021)

Used amount of energy	Crude oil equivalent KL	2,835
Used amount of water	thousand m ³	0.9

CO₂ emission*	tons CO ₂ e	5,540
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*CO₂ emissions from energy sources.

Air Pollutant measurement results			
Type of Air Permit: potential Class I*			
Hazardous Air Pollutants	Control value	Maximum measured	
SO _x	100	NA	
NO _x	100	NA	
Particulate	100	NA	

*The Abilene West plant has been determined to require Class I permit. An application was submitted for a class I permit in September 2021 per KDHE requirements. KDHE has not yet returned the permit with their requirements.

Amount of discharge water	thousand m ³	0.9	
Amount of pollutant in discharge water	COD	kg	-
	Nitrogen	kg	-
	Phosphorus	kg	-

Water pollutant measurement results				
		unit	Control value	Maximum measured
Public water areas	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	Nitrogen	mg/L	-	-
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	-	-
	Lead	mg/L	-	-
	COD, total emission control	kg/day	-	-
	Nitrogen, total emission control	kg/day	-	-
	Phosphorus, total emission control	kg/day	-	-
Sewerage lines	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	475
Recycling ratio	%	81.9%

5.Environmental Topics

The Abilene West facility became a major collection point for the collection of hook ash and industrial wastewater sludge to be transported to the new beneficial reuse site, which helped in the annual reduction of 20 tons of waste being delivered to the city landfill. Abilene West also installed the laundered absorbent pad program to replace used oil dry. Battery recycling was implemented as well.



6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Set up the recycling program, proving a trailer to load recyclables: paper, cardboard, plastic bottles, and aluminum cans. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing.

