

# Great Plains Manufacturing, Inc. - Abilene West Manufacturing Plant

## 1. Outline

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



## 2. Products

### Main products



## 3. Environmental policy

Great Plains Environmental Policy (2018): Our current policy is to meet or exceed the compliance standards set forth by the EPA and Kansas Department of Health and Environment in the areas of Air, Water, Hazardous Waste, and General waste. We also look for methods to reduce our environmental footprint in those areas. There is no formal written policy.

## 4. Environmental performance data (Jan. 2020 to Dec. 2020)

<b>Used amount of energy</b>	Crude oil equivalent KL	1,234
<b>Used amount of water</b>	thousand m <sup>3</sup>	0.9

<b>CO<sub>2</sub> emission*</b>	tons CO <sub>2</sub> e	2,404
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\*CO<sub>2</sub> emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		No smoke and soot generating facilities		
	Unit	Control content	Control value	Maximum measured
SOx	-	-	-	-
NOx	-	-	-	-
Particulate	-	-	-	-

<b>Amount of discharge water</b>	thousand m <sup>3</sup>	0.9	
<b>Amount of pollutant in discharge water</b>	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	-	-

<b>Waste discharge</b>	tons	33
<b>Recycling ratio</b>	%	88.0%

## 5. Environmental Topics

The Abilene West facility ramped up production in 2020, which presented new challenges with higher volumes of waste streams along with new environmental permitting that needed to be completed. The ground work for 2021 waste reduction / recycling was laid and implemented.



## 6. Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Created a required Department of Transportation Training for those who sign hazardous waste shipping manifests, informed the plants of the requirements and began teaching the course. 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.

