

# Great Plains Manufacturing, Inc. - Kipp Manufacturing Plant

## 1. Outline

<b>Address</b>	244 N. Hugh, Kipp, KS 67401, USA
<b>Site area</b>	3,159 m <sup>2</sup>
<b>Establishment year</b>	1980
<b>ISO14001 certification date</b>	Not Certified
<b>Site overview</b>	Manufacturing Rear Blades, Food Plot Seeders, Box Scrapers, Disc Harrows, Grading Scrapers, Landscape Rakes, etc.



## 2 . Products Main products



Seeders

## 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. These is no formal written policy.

## 4.Environmental performance data (Jan. 2018 to Dec. 2018)

<b>Used amount of energy</b>	Crude oil equivalent KL	316
<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	792
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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	-	5.0 ~ 10.0	9.7
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

<b>Waste discharge</b>	tons	52
<b>Recycling ratio</b>	%	63.6%

## 5.Environmental Topics

1. Concentrated on reduction of solid wastes and recycling effort. Kipp is an isolated facility, making it more difficult in getting the recycled materials transferred.

## 6.Environmental Communication

Participated in Kubota Environmental month. Are working toward setting up recycling a waste reduction plans for the future.