

## Great Plains Manufacturing, Inc. - Tipton Tillage Implement Plant

### 1. Outline

<b>Address</b>	607 Main St., Tipton, KS 67485, USA
<b>Site area</b>	7,525 m <sup>2</sup>
<b>Establishment year</b>	2000
<b>ISO14001 certification date</b>	Not Certified
<b>Site overview</b>	Manufacturing Field Cultivators, Disc-O-Vators®, Ultra-Tills®, Plains Plows, Seedbed Conditioners, and Tillage Attachments. Also produce various pieces of Land Pride equipment.



### 2. Products Main products



Disc-O-Vator®

### 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 policies 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. 2020 to Dec. 2020)

<b>Used amount of energy</b>	Crude oil equivalent KL	104
<b>Used amount of water</b>	thousand m <sup>3</sup>	0.2

<b>CO<sub>2</sub> emission*</b>	tons CO <sub>2</sub> e	198
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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	tons/year	-	100	0
NOx	tons/year	-	100	0
Particulate	tons/year	-	100	0.023

<b>Amount of discharge water</b>	thousand m <sup>3</sup>	0.2	
<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	9.8
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

<b>Waste discharge</b>	tons	105
<b>Recycling ratio</b>	%	97.0%

## 5.Environmental Topics

The Tipton facility expanded their recycling efforts in 2020, by utilizing a local recycling vendor for all of their cardboard, plastics and paper. Recycling stations were set up around the facility to help make the program more efficient.



## 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 plants of the requirements and began teaching the course. Tipton is an isolated facility dependent on the route truck for transfer of materials. Improvements are being made, utilizing the local recycling company has help in overall efficiency of the recycling program at this facility. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing.

