

Great Plains Manufacturing, Inc. - Tipton Tillage Implement Plant

1. Outline

Address	607 Main St., Tipton, KS 67485, USA
Site area	7,525 m ²
Establishment year	2000
ISO14001 certification date	Not Certified
Site overview	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. 2021 to Dec. 2021)

Used amount of energy	Crude oil equivalent KL	104
Used amount of water	thousand m ³	0.2

CO₂ emission*	tons CO ₂ e	198
---------------------------------	------------------------	-----

*CO₂ emissions from energy sources.

Air Pollutant measurement results			
Type of Air Permit: Class II			
	Hazardous Air Pollutant	Control Value	Maximum measured
SOx	tons/year	100	0
NOx	tons/year	100	0
Particulate	tons/year	100	0.023

Amount of discharge water	thousand m ³	0.2	
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	-	5.0 - 10.0*	9.6
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

*NPDES permit levels

Waste discharge	tons	105
Recycling ratio	%	97.0%

5.Environmental Topics

The Tipton facility expanded its recycling efforts in 2022 by starting to remove its industrial wastewater sludge and hook ash from the city landfill. Tipton also updated their industrial wastewater cleanout procedures, in order to remove elevated metals in their wastewater. Storm water plans and training were also completed, in order to spread awareness for better storm water run-off management. A battery recycling program was implemented.



6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Improvements are being made, and utilizing the local recycling company has helped in the 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. Storm water plans and training were also completed, in order to spread awareness for better storm water run-off management practices.

Hazardous Waste Satellite Accumulation Area



1. Only 1 drum of each type of hazardous waste (HW) is allowed.
2. Drum is closed when not adding waste. (Ring is properly closed on open-head drums.)
3. Must date drum when full. Must move to HW storage area within 3 calendar days of full date.
4. Must have 2 inches of head space.
5. Must have HW label. Turn drums so labels are visible.
6. Drum must be at/near point of generation.
7. Container is in good condition. No dents or rust.
8. Keep area clearly defined.
9. Keep area clean.
7. Write name of waste on HW labels. (Doesn't apply to day containers.)
10. Do not mix HW wastes together or mix with non-HW.