

Great Plains Manufacturing, Inc. - Ellsworth Tillage Implement Plant

1. Outline

Address	910 E. 8th St., Ellsworth, KS 67439, USA
Site area	12,077 m ²
Establishment day	1905/6/30
ISO14001 certification date	Not Certified
Site overview	Manufacturing Turbo-Maxes®, Turbo-Tills®, Turbo-Choppers®, and Turbo-Chisels®. Also produce various Pieces of Land Pride and CE equipment.



2 . Products Main products



Turbo-Max®

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	1,432
Used amount of water	thousand m ³	1.1

CO₂ emission*	tons CO ₂ e	2,762
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*CO₂ emissions from energy sources.

Air Pollutant measurement results			
Type of Air Permit: True Minor *			
	Hazardous Air Pollutants	Control Value	Maximum measured
SOx	tons/year	-	-
NOx	tons/year	-	-
Particulate	tons/year	-	-

*The Ellsworth facility is a True Minor source, according to the Kansas Department of Environmental Health and Safety, and does not require air emissions to be calculated each year.

Amount of discharge water	thousand m ³	1.1	
Amount of pollutant in discharge water	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

Water pollutant measurement results		No water permit required for Ellsworth		
		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	-	-
Sewerage lines	Phosphorus, total emission control	kg/day	-	-
	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	397
Recycling ratio	%	14.0%

5.Environmental Topics

In 2022, the Ellsworth facility started to expand its recycling program, recycling aluminum cans, plastic bottles, cardboard, steel dust/shot, along with hook ash. Recycling stations and signs were put up to make the program run more efficiently. New absorbent pads were introduced to replace used oil dry, which are a reusable product through the process of having the pads laundered. Also implemented a battery recycling program.



6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Continuing to develop the internal recycling program that works with their local recycler, picking up the plastic waste and office paper. New recycling signs have been put up around the facility. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing. Created and taught classes on storm water management.

Hazardous Waste Satellite Accumulation Area

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