

Great Plains Manufacturing, Inc. - Lucas Manufacturing Plant

1. Outline

Address	240 S. Greeley, Lucas, KS 67648, USA	
Site area	10,312 m ²	
Establishment year	1992	
ISO14001 certification date	Not Certified	
Site overview	Manufacturing Rotary Cutters, Parallel Arm Rotary Cutters, Primary Seeders, Drag Scrapers, etc.	



2 . Products Main products



Rotary Cutters

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	1,290
Used amount of water	thousand m ³	0.9

CO₂ emission*	tons CO ₂ e	2,487
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*CO₂ emissions from energy sources.

Air Pollutant measurement results			
Type of Air Permit: Class II			
Hazardous Air Pollutant	Control value	Maximum measured	
SO _x	tons/year	100	0
NO _x	tons/year	100	0
Particulate	tons/year	100	2.7

Amount of discharge water	thousand m ³	0.8	
Amount of pollutant in discharge water	COD	kg	3
	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	-	-

*Lucas does not use a water pretreatment system.

Waste discharge	tons	119
Recycling ratio	%	94.4%

5.Environmental Topics

In 2022, the Lucas facility started to recycle their steel dust bringing steel dust recycling to 100%. Hook ash that was once being landfilled is now being recycled from this facility. Lucas also participated in an environmental month. Also began a battery recycling program.



6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing. Had signs made to be distributed companywide to spread education and awareness of our recycling goals. Storm water management classes and were taught and facility cleanups were done to clean waterways.

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.
- Write name of waste on HW label. (Doesn't apply to day containers.)
- Keep area clearly defined.
- Keep area clean.
- Do not mix HW wastes together or mix with non-HW.