

Great Plains Manufacturing, Inc. - Abilene Manufacturing Plant

1. Outline

Address	1100 NW 8th, Abilene, KS 67410, USA
Site area	17,745 m ²
Establishment year	1989
ISO14001 certification date	Not Certified
Site overview	Manufacturing All-Flex Mowers, Zero Turn Mowers, Flail Mowers, Grooming Mowers, Single Spindle Rotary Cutters, etc.



2 . Products Main products



All-Flex Mowers

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	2,809
Used amount of water	thousand m ³	5
CO₂ emission*	tons CO ₂ e	5,437

*CO₂ emissions from energy sources.

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

※Abilene is a True Minor source, no emission report required.

Amount of discharge water	thousand m ³	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 ~ 10	12.05*
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

※The pH probe failed causing elevated pH for about 6 hours and exceeding the NPDES permit. The failure was reported to the city. The probe was repaired and additional pH readings taken to prove it was back in compliance. Received Notice of Violation from the city for pH limits that were not met for 6 hours. No enforcement taken.

Waste discharge	tons	840
Recycling ratio	%	73.0%

5. Environmental Topics

The Abilene East facility started to recycle 100% of all industrial wastewater sludge and hook ash for the first time ever, which account for close to 20 tons of waste being removed from the city landfill. The planning process has also been initiated to start recycling pallets with a new vendor. A battery recycling program was implemented.

6. Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. . Recycling signs were distributed around the plant to help educate and inform employees on the three R's process. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing.



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 2 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 dry containers.)
- Keep area clearly defined.
- Keep area clean.
- Do not mix HW wastes together or mix with non-HW.