

# Great Plains Manufacturing, Inc. - Kipp Manufacturing Plant

## 1. Outline

|                                    |   |
|------------------------------------|---|
| <b>Address</b>                     | 244 N. Hugh, Kipp, KS 67401, USA  |
| <b>Site area</b>                   | 3,159 m <sup>2</sup>  |
| <b>Establishment year</b>          | 1980  |
| <b>ISO14001 certification date</b> | Not Certified   |
| <b>Site overview</b>               | Manufacturing Rear Blades, Food Plot Seeders, Box Scrapers, Disc Harrows, Grading Scrapers, Landscape Rakes, etc. |



## 2 . Products Main products



Seeders

## 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)

|                              |                         |     |
|------------------------------|-------------------------|-----|
| <b>Used amount of energy</b> | Crude oil equivalent KL | 365 |
| <b>Used amount of water</b>  | thousand m <sup>3</sup> | 2.1 |

|                                 |                        |     |
|---------------------------------|------------------------|-----|
| <b>CO<sub>2</sub> emission*</b> | tons CO <sub>2</sub> e | 693 |
|---------------------------------|------------------------|-----|

\*CO<sub>2</sub> 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              | 0.9  |
| NOx                               | tons/year     | 100              | 1.2  |
| Particulate                       | tons/year     | 100              | 0.03 |

|   |                         |     |   |
|---|-------------------------|-----|---|
| <b>Amount of discharge water</b>              | thousand m <sup>3</sup> | 2.1 |   |
| <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 | -             | -                |
| Sewerage lines                      | pH                               | -      | 5.0 - 10.0*   | 7.77             |
|                                     | BOD                              | mg/L   | -             | -                |
|                                     | COD                              | mg/L   | -             | -                |
|                                     | SS                               | mg/L   | -             | -                |

\*NPDES permit levels

|                        |      |       |
|------------------------|------|-------|
| <b>Waste discharge</b> | tons | 191   |
| <b>Recycling ratio</b> | %    | 23.3% |

## 5.Environmental Topics

Concentrated on reduction of solid wastes and recycling efforts. Kipp is an isolated facility, making it more difficult in getting the recycled materials transferred. Kipp did receive a baler in 2022, and started to create cardboard bales for recycling. The planning process has also been started for the recycling of pallets for the Kipp facility. Battery recycling was also implemented.

## 6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Had signs made to be distributed companywide to spread education and awareness of our recycling goals. 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 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.