

Wastewater (Meat Packing)

DESCRIPTION

Wash water containing diluted blood, fat, grease, hair, flesh, manure, grit (dirt, straw and sawdust from truck wastewater) and undigested feed. Notable chemicals present include hexane extractables, nitrogen and phosphorous. Fecal coliform bacteria is also present.

CLASSIFICATION

Fats, grease and offal; proteins; starch and sugars

SOURCE INDUSTRY

Meat packing. See the [Meat Products industry roadmap](#).

ANNUAL VOLUME GENERATED IN WISCONSIN

5030 tons

CURRENT APPLICATIONS

Screening/solids separation, traditional wastewater treatment, disinfection via UV radiation

COST

Cost of traditional wastewater treatment varies per local municipality and type of waste

APPLICABLE BIOREFINING PROCESSES

[Anaerobic digestion](#), [lipid extraction](#)

REFERENCES

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