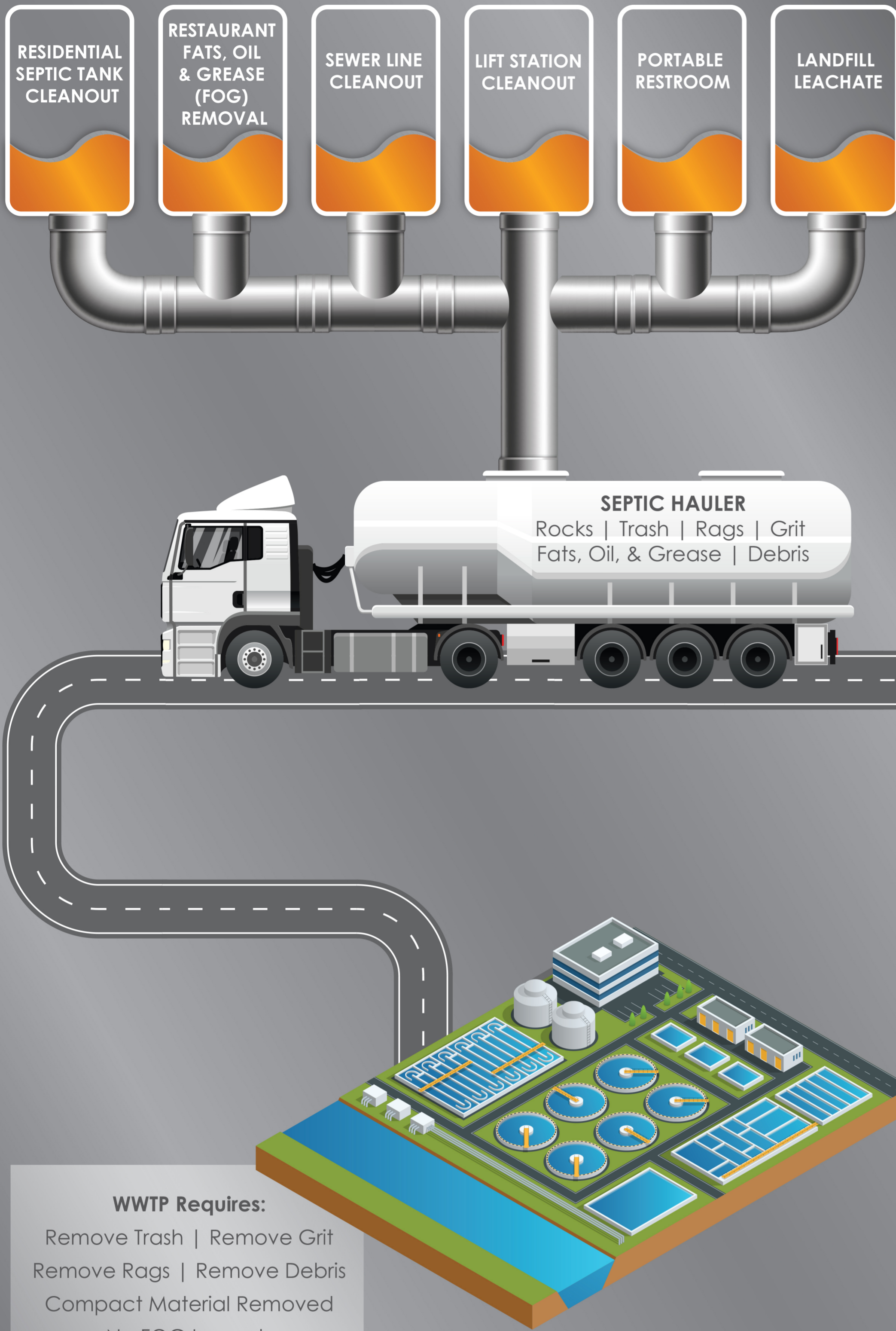


SEPTAGE RECEIVING: OPERATING AND SYSTEM PROCESSES

Septage waste is much tougher to treat than typical wastewater flow that enters into a Wastewater Treatment Plant. Septage receiving systems face some difficult challenges in their use to remove trash from wastewater.

UNDERSTANDING SEPTAGE WASTE SOURCE AND COMPOSITION:



SEPTAGE WASTE IS MORE DIFFICULT TO BE PROCESSED AND CAN CAUSE SEVERE IMPACTS

50x
MORE SOLIDS

+ 100x
MORE FOG

Much more trash and grit to remove including rocks and debris

Septage can be loaded with more Fats Oils and Grease

Upset Haulers
Longer Offload Time
Increased Equipment Wear
Manual Cleaning Needed
Equipment Failure
Less Revenue

SYSTEM DESIGN REQUIREMENTS:

DEBRIS REMOVAL

Rock Removal Ability
Rock Crushing Ability
Automatic Washout
Automatic Screen Grit Flush
Tank Grit Flush
Wear Resistant
Water Wash

SYSTEM

Low Footprint
Easy Inspection Points
Dedicated Motors
Self Cleaning
Current Monitoring
Intrinsically Safe Design

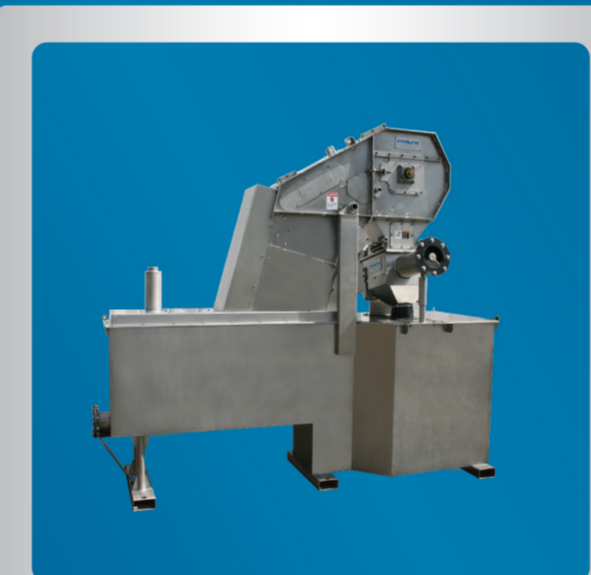
HEAVY DUTY

High Torque Motor
Hardened Components
Eliminate Wear Items
Stainless Steel Construction
Inverter Duty Motor
Heavy Object Impact Resistance

SERVICEABILITY

Handles High Flow Rate
Handles Low Flow Rate
Handles Rocks
Handles Rags
Handles Trash
Automatic Washout

KEY COMPONENTS IN THE PROCESS:



SCREEN

Separates Trash from Water

Conveys Trash to Compaction



COMPACTOR

Removes Water from Screened Trash

Crushes Solids to a Smaller Volume



SYSTEM CONTROL

Provides Automatic Operation
Provides Automatic Wash
Provides Self Correction
Provides Monitoring
Provides System Access

MAJOR BENEFITS FROM SELECTING THE BEST SEPTAGE RECEIVING SYSTEM:

increase up to

2x

EQUIPMENT LIFE

OPERATION & MAINTENANCE LABOR

reduce up to
75%

OPERATION LIFE OF PROPER EQUIPMENT



MAXIMIZE WWTP REVENUE



MAXIMIZE HAULER PROFITS



HAPPY HAULER COMPANIES



OPERATION LIFE OF POOR EQUIPMENT



MAXIMIZE WWTP REVENUE



MAXIMIZE HAULER PROFITS



HAPPY HAULER COMPANIES



X

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