



# MXI EN LLC

COMMITTED TO SERVICE

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# About MXI



- Maumee Express and MXI Environmental together known as MXI
  - In business since 1960
  - Non-haz Disposal Facility – Abingdon, VA
  - Fuel Ethanol Recycling Facility – Abingdon, VA
  - Haz and Non-haz fully permitted Waste Trasporter – Abingdon VA, Langhorne PA, Fontana CA, Sumter SC



# MXI Today



MXI has recently constructed a new facility in Virginia which includes a 24,000 ft Hon-haz disposal facility and 3.5 Million Gallon per year TTB permitted Fuel Ethanol Recycling Plant. This facility allows use to fully integrate our transportation, processing, disposal, and ethanol recycling services. We can now process a wide range of flammable consumer goods including pure ETOH based products and mixed flammables.



# Our Customers



MXI succeeds by providing its customers top security and complete product destruction.

## Client Industries Include:

- Perfume Manufacturers and Distributors
- Beverage Bottlers and Distributors
- Reverse Logistics Companies
- Consumer Goods Manufacturers and Distributors
- Drug and Pharmaceutical Companies
- Recyclers
- Licensed Haz Waste Treatment and Disposal Facilities



# MXI EN



- Pillars of Service to Ethanol Consumer Goods Industry
  - Materials Shipped on **Bill of Lading** and **exempted** from Haz Waste Stream
  - Complete Security and Control
    - In-House Transportation
    - In-House State of the Art Facility for Product Destruction
    - In-House Ethanol Recycling
    - Indemnification of Materials Sent to our facility
  - Experienced and Knowledgeable Staff
  - Full Service Provider
  - Reasonable Cost

Brand new facility designed to process consumer goods and recycle ethanol:

- 24,000 sq ft Processing facility (MRF permit by rule)
- 1 Million Gal/Year TTB Permitted Fuel Ethanol Plant
- Full ADT Monitored Security
- 300 ton/day capacity
- 10 Day Haz waste Transfer



## Security and Destruction:

- ADT Monitoring
- Security Procedures
- Consumer Products Destruction
- Proprietary Control Packages
- Security Cameras
- Retain Samples
- Sortation
- Bulking



## MXI Environment Process Equipment

- Two Shredders
- Two Crushers
- Depack/Sortation
- Aerosol Processing Area
- Bulk Liquid Storage



- TTB Permitted Distilled Spirits Plant
  - Ethanol Distillation Column
  - Ethanol Molecular Sieve
- TTB Permitted Liquid Storage Tanks



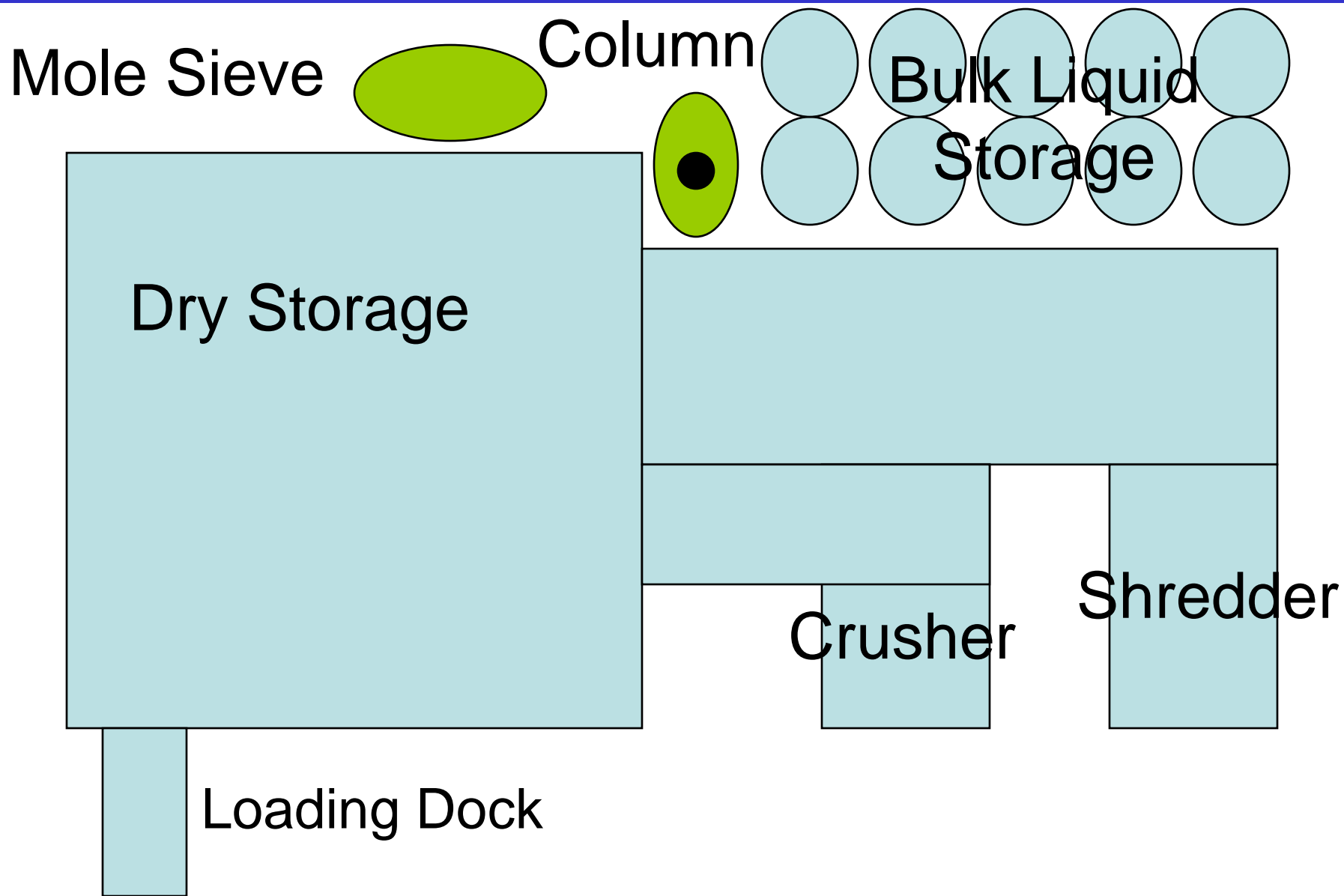
## Examples of Consumer Goods we Recycle:

- Ethyl Alcohol Based Materials
  - Cologne
  - Vicks Vapor Rub
  - Perfume
  - Hairspray
  - Hand Sanitizer
  - Body Mist
  - Hair Regrowth Treatment
  - Mouthwash
- Automotive Products
  - Motor Oil
  - Fuel Stabilizers
  - Transmission Fluid
  - Antifreeze

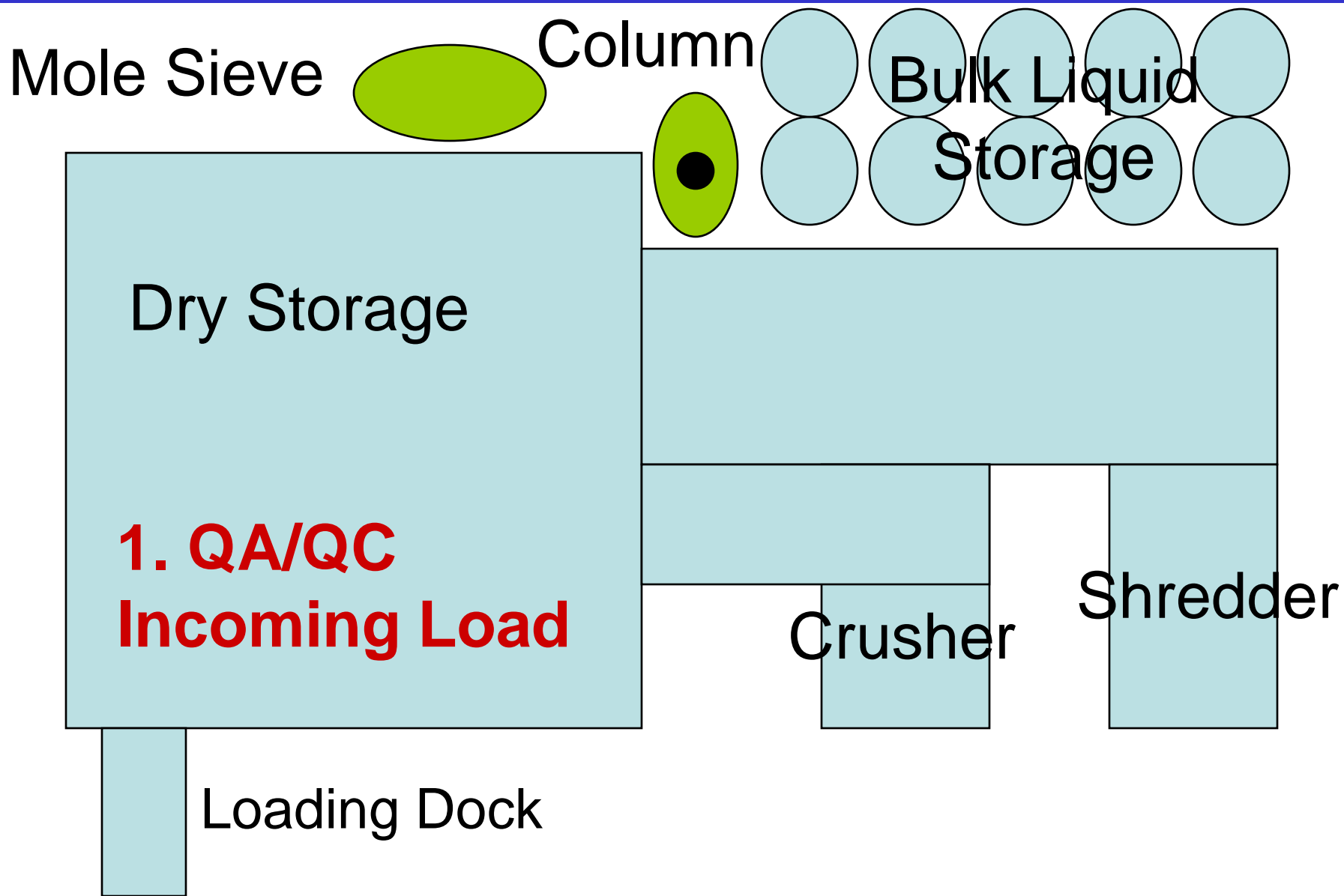
## Examples of Flammable Consumer Goods we can Beneficially reuse:

- Paint Related Materials
  - Oil based paint
  - Paint Thinners
  - Mineral Spirits
- Naptha Distillates
  - Lighter Fluid
  - Wood Stains
  - Fuel Stabilizers
- Acetone Based Materials
  - Nail Polish Removers
  - Acetone Paint Remover
- Methanol Based Materials
  - Fuel Antifreezes
  - Windshield washer fluids
  - De-icers
- Isopropyl Alcohol
  - 70%
  - 90%

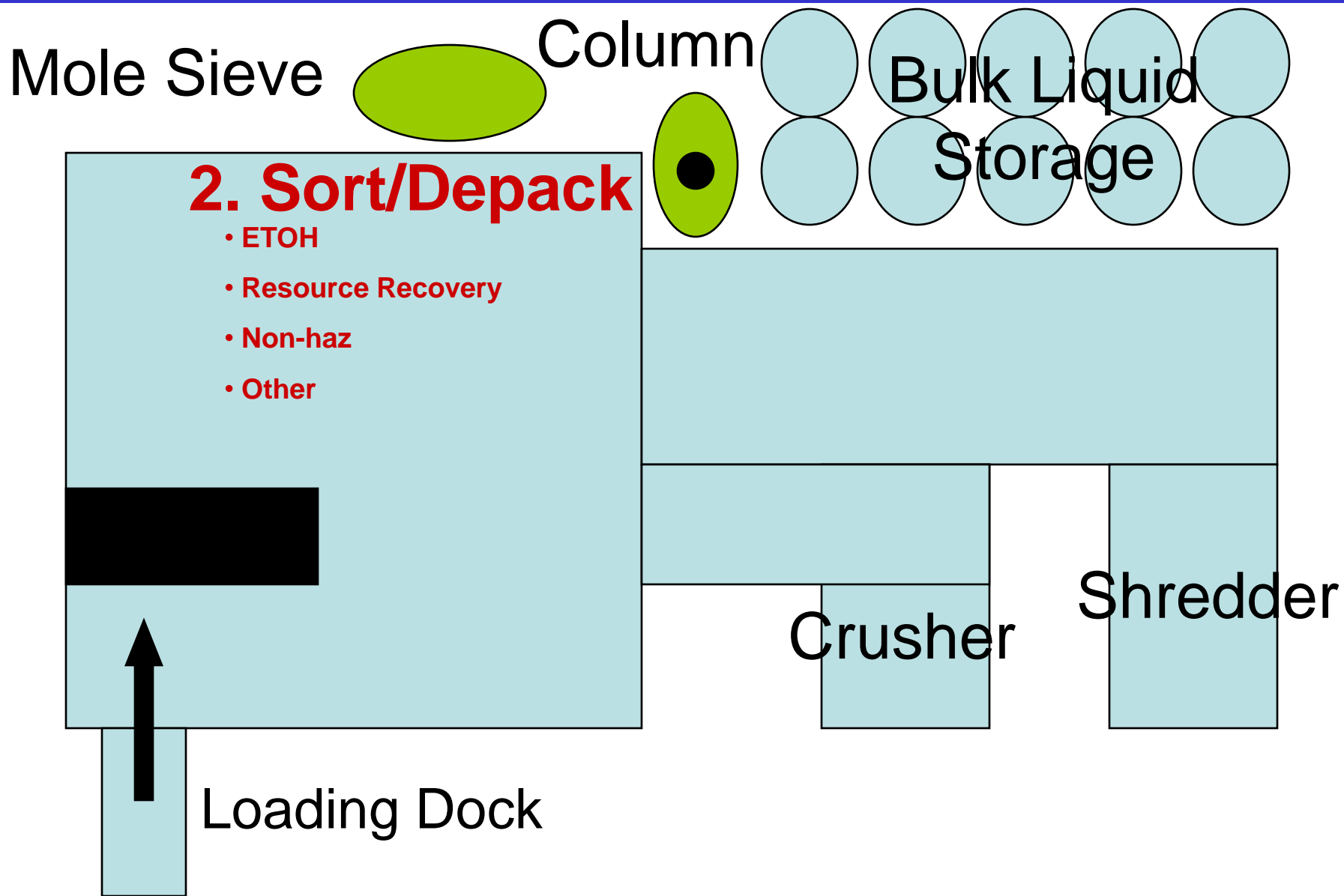
# Our Facility



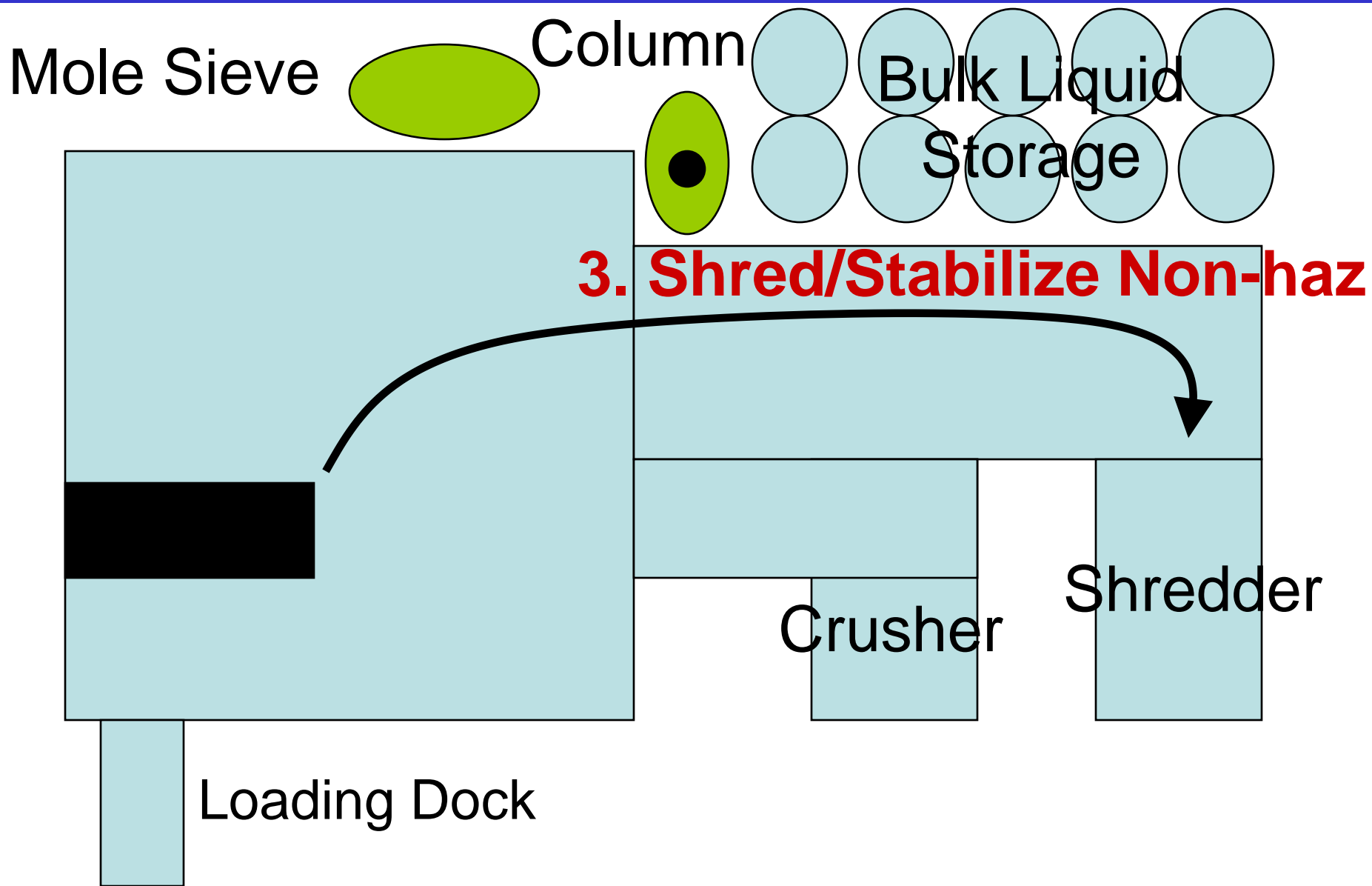
# Our Process



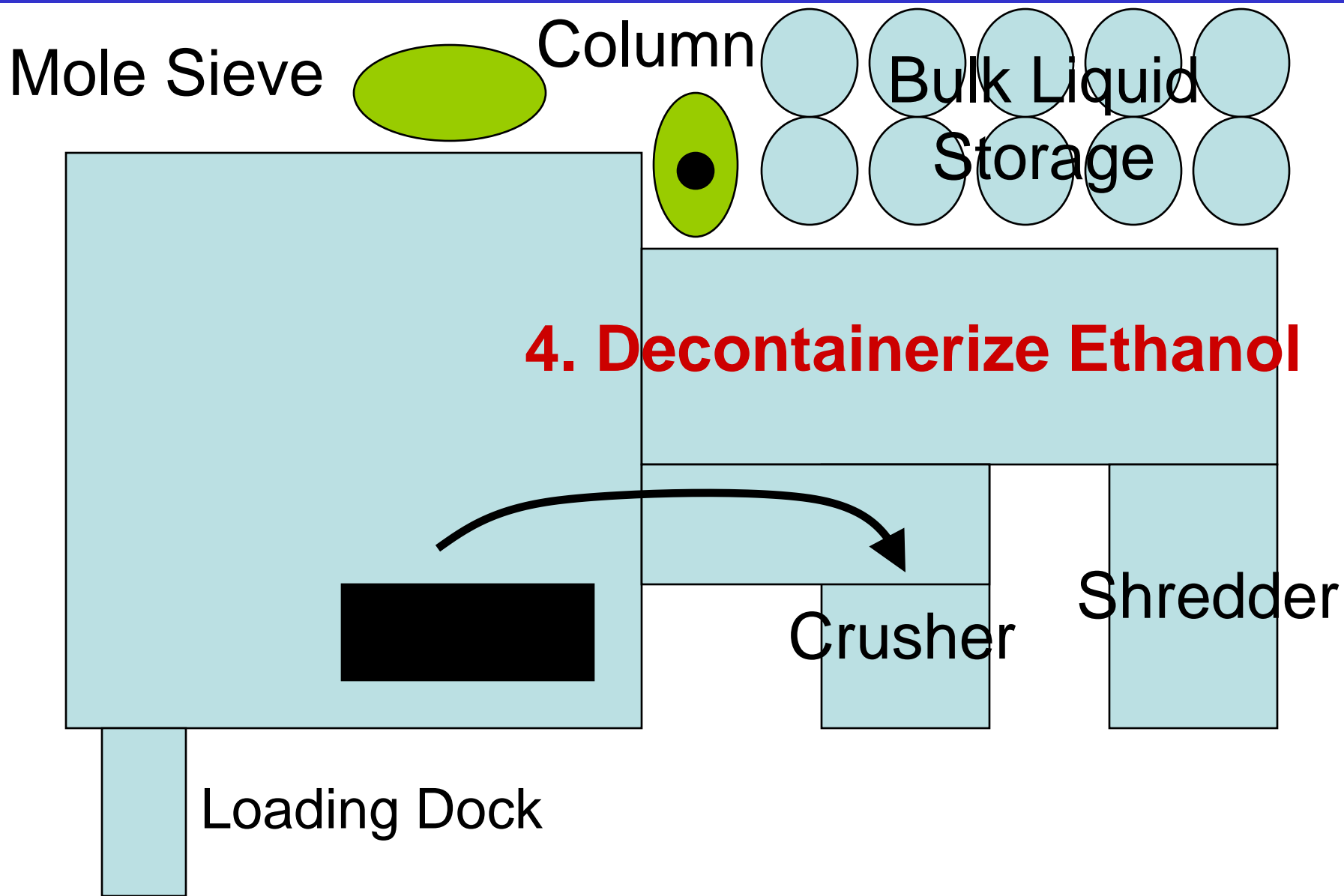
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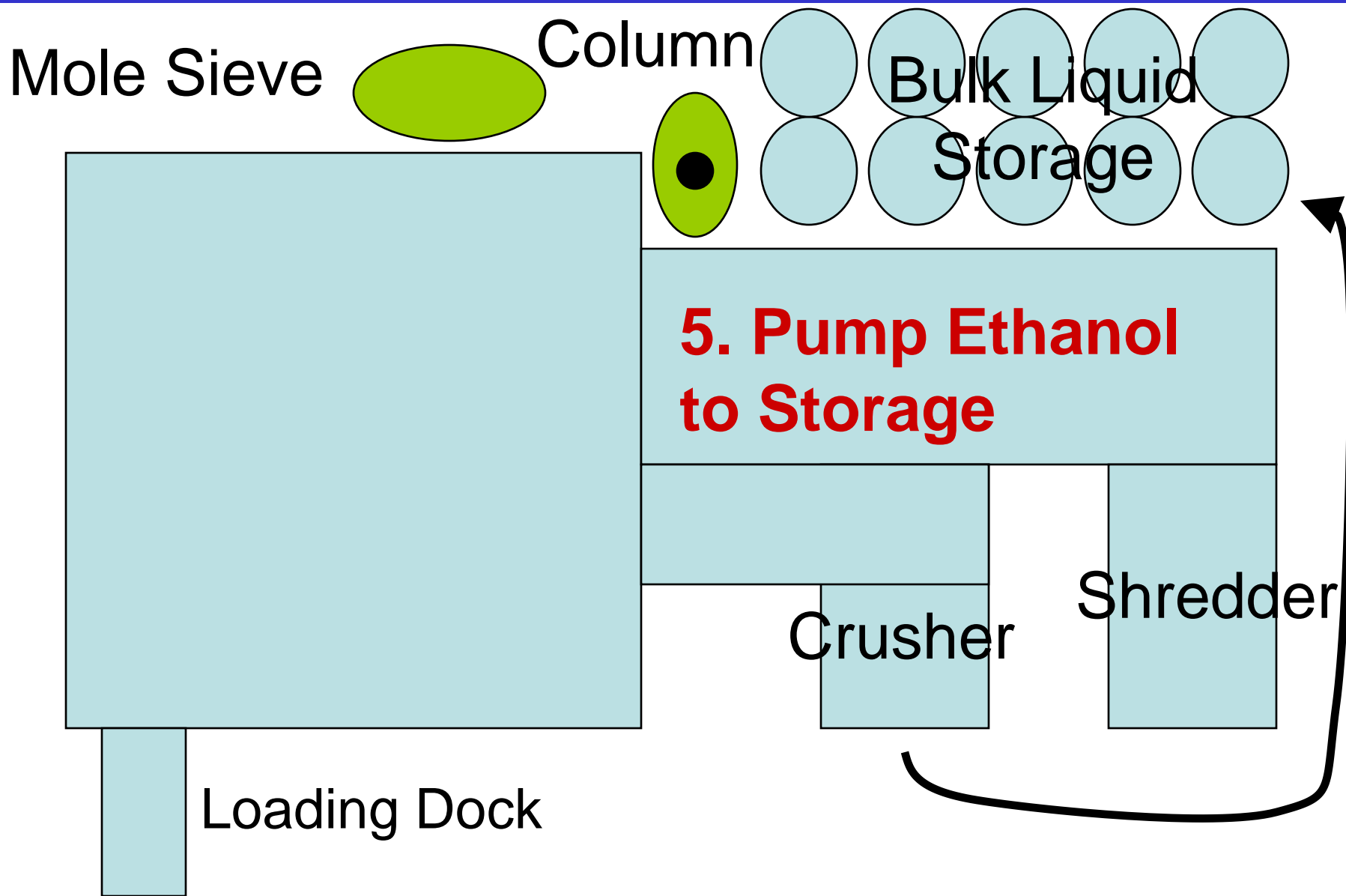
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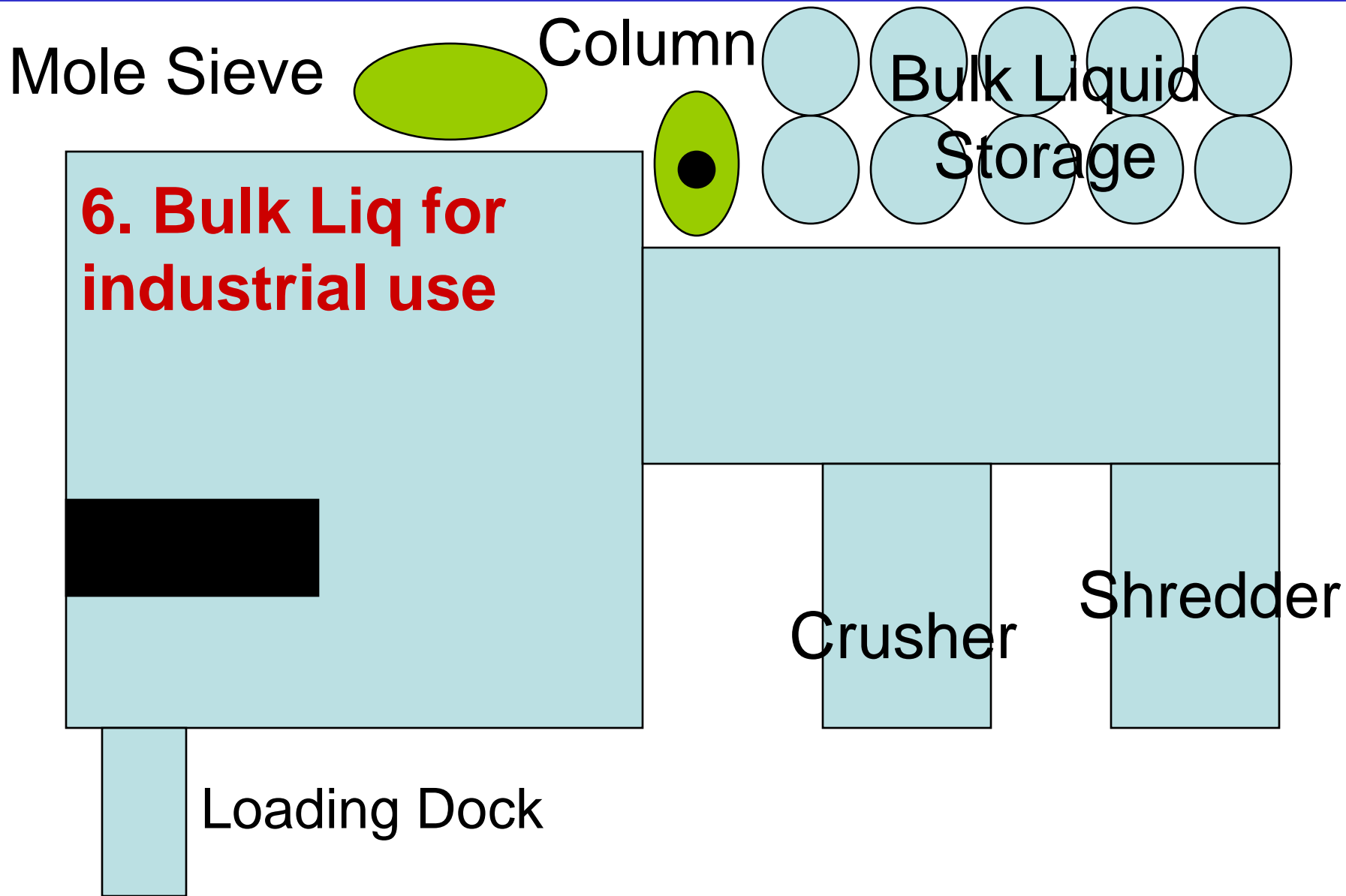
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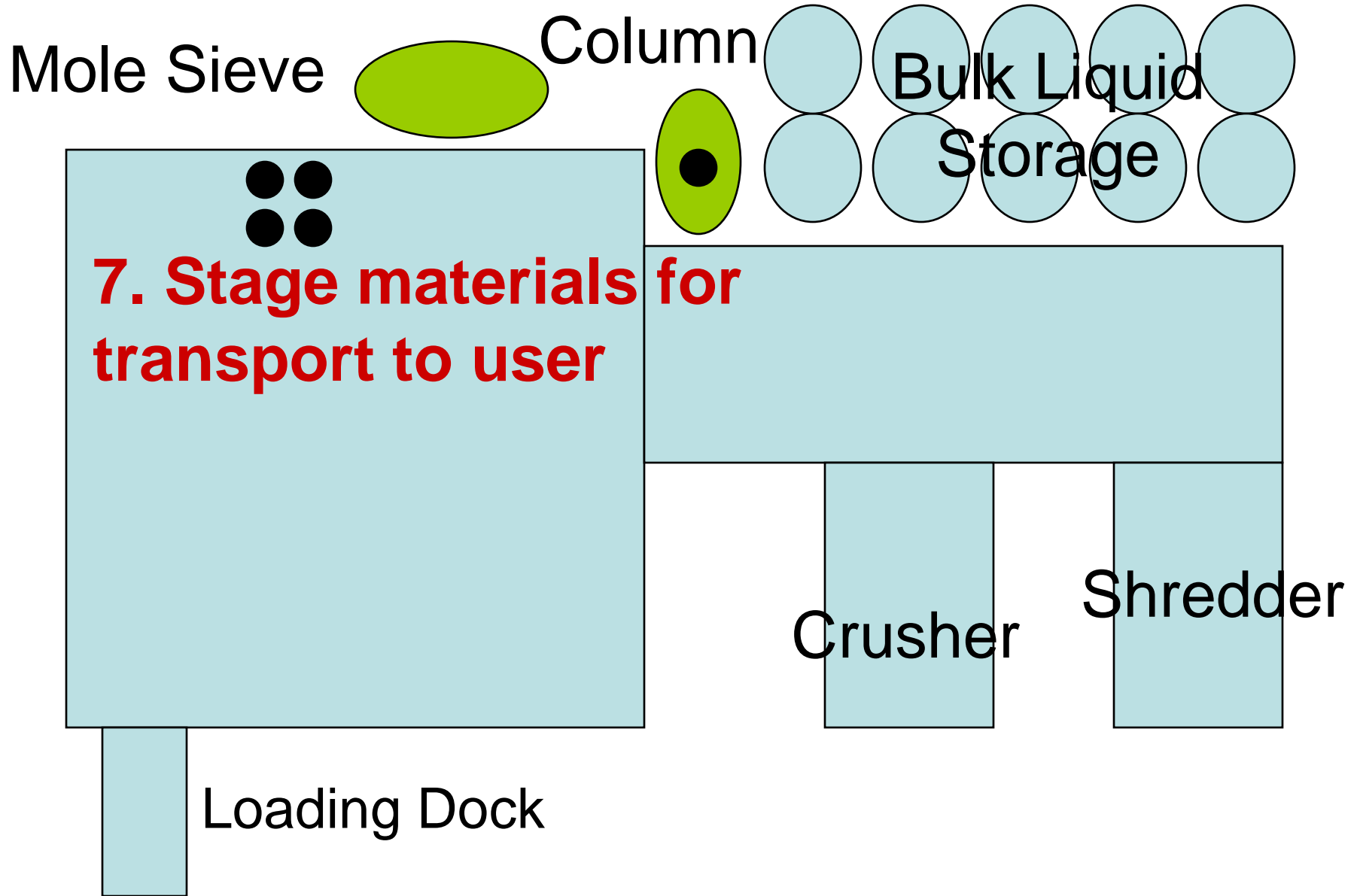
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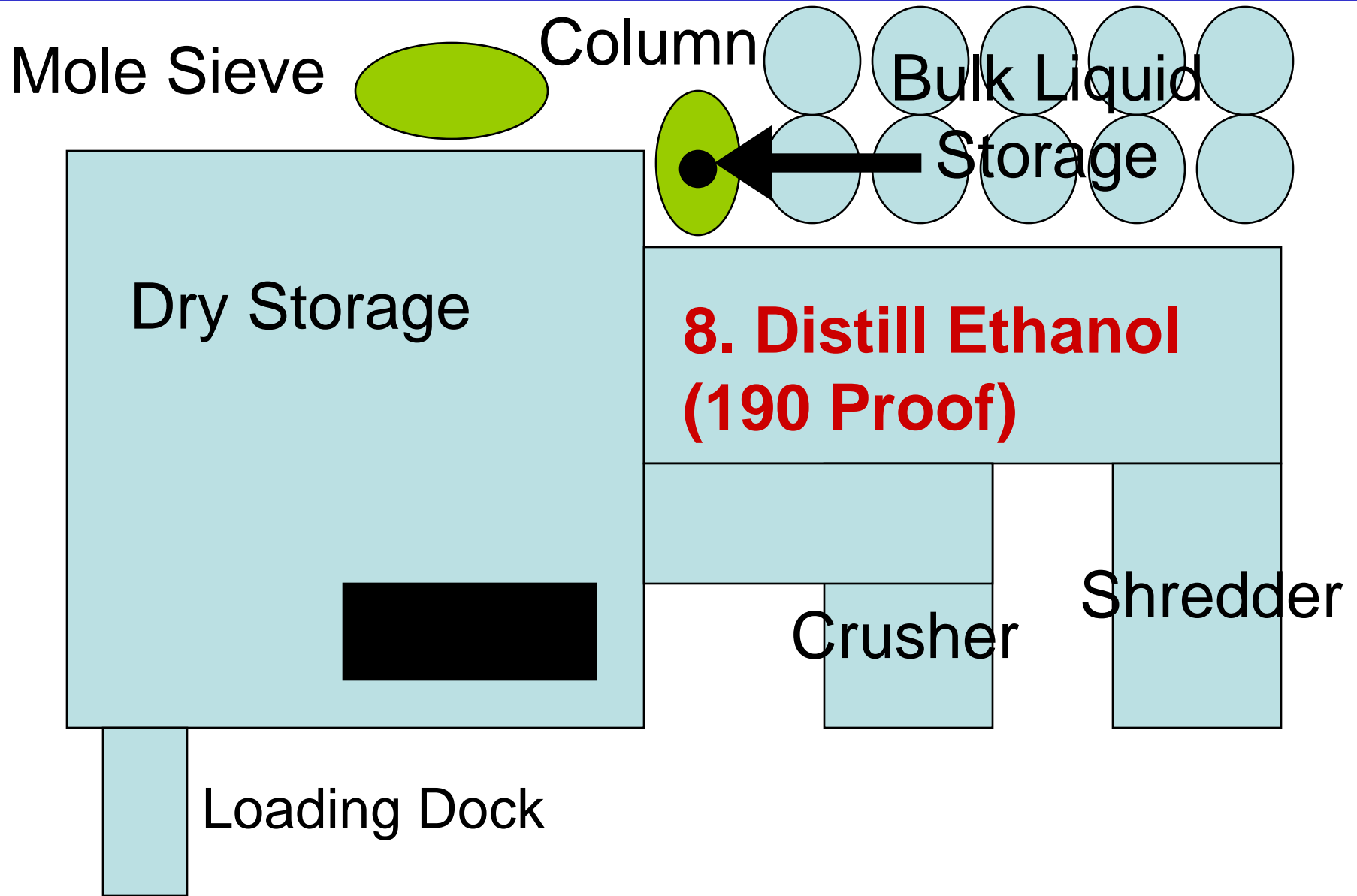
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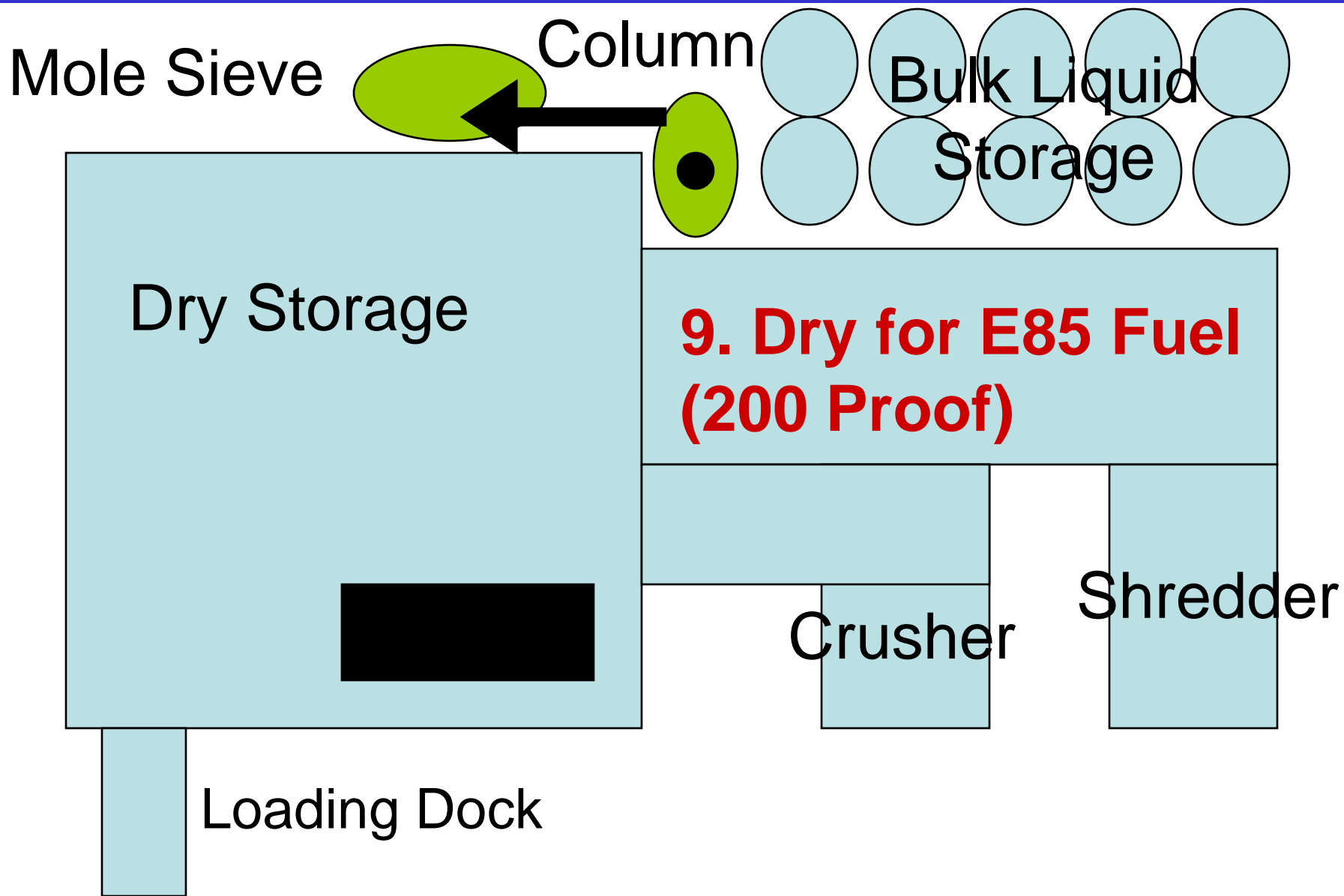
# Our Process



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# Our Process





# Experienced Staff



- 100 years combined experience in Haz Waste Business
- We can handle all your Haz and Non-Haz needs
- Solid waste services
  - solidification of nonhazardous wastes
  - recovery & recycling of ethanol
  - recovery & recycling of consumer products
  - disposal of wastewater
  - recycling oils and greases
- Hazardous waste services
  - waste sampling
  - hazardous waste stream profiling
  - hazardous waste stream approvals
  - implementing appropriate environmental regulations
  - selecting appropriate waste disposal methods
  - selecting cost effective TSDFs



# Cost Effective



- Costs for Recycling are approximately 75% the cost of Haz Incineration
- Costs for Beneficial Reuse similar to costs for Haz waste disposal
- Significant savings on transport and reporting because materials are RCRA exempt
- Cost effective bulk Non-haz disposal of consumer products



# Conclusion



MXI is a full-service Transportation, Processing, and Disposal company.

MXI operates state-of-the-art equipment:

- Fully Secured Non-haz Disposal Facility
- TTB Permitted Distilled Spirits Plant (DSP)

MXI succeeds by providing responsive and cost-effective solutions to its customers' disposal needs.