

# Solvent Recycling Services - El Dorado Facility

## Fact Sheet

Clean Harbors El Dorado, Arkansas recycling plant is part of Clean Harbors Part-B permitted high temperature incineration facility, and offers vacuum distillation to produce a variety of high purity recycled solvents. Our flexible operations, combined with chemical knowledge and engineering expertise, bring advanced solutions to the challenges of separation and purification. The vacuum distillation process is particularly effective for processing low boiling solvents. Recovered products, which are not returned to customers, are available for sale.

Clean Harbors El Dorado employees are experts in recycling. All processing meets strict local, state, and federal regulations, and customer requirements. Our customers have peace of mind knowing they've made the best economic and environmental decision in recycling their waste.

## High Efficiency Process Produces High Quality Products

The El Dorado solvent recovery plant consists of a 2,500-gallon carbon steel vacuum pot distillation unit, two 500-gallon stainless steel receiving tanks (for product), a shell and tube heat exchanger for heating solvent using steam, one shell and tube heat exchanger for condensing solvent vapor, and two pumps for circulating waste solvent through heater, and removing clean solvent from receiving tanks. All valves and piping are stainless steel.

## Typical Solvents Handled at El Dorado

- Low solids, high boiling solvents
- N-Methyl-2-Pyrrolidone (NMP)
- Aliphatic solvents, e.g.,
  - Mineral Spirits
- Aromatic solvents, e.g.,
  - Toluene
  - Xylene (ortho-, meta-, para-)
- Ketones, e.g.,
  - Acetone
  - Methyl Ethyl Ketone
- Esters
- Glycols
- Glycols ethers
- Amines (low odor)



## FEATURES

### Why use Clean Harbors' El Dorado Facility

- Vacuum distillation improves separation increasing capacity, yield, and purity
- Economical and efficient recycling by utilizing low cost energy from steam produced in the incineration process
- Produces high quality solvents for sale
- On-site disposal of still bottoms via incineration
- On-site disposal of water via incineration
- Facility centrally located in U.S.
- On-site rail service



Vacuum Distillation Unit



Solvent Recycling Tank Farm