

Customer Case Study



The Minnesota Department of Transportation is a government-run division that is responsible for a variety of areas including the design and development of asphalt. This department uses a series of non-destructive tests to accurately select pavement types.



Company Name: Minnesota Dept. of Transportation

Industry Type: Transportation, asphalt recovery

Location: Minnesota, USA

Recycled Chemicals: n-propyl bromide (npb)

Volume Recycled: 12 gallons / month


Customer with Maratek since: July, 2012

Unit Installed: Solvent Saver Batch (SSB 6), air cooled

Customer Profile

The Minnesota Department of Transportation is responsible for asphalt design and testing. They provide the technical expertise behind the pavement-type selection process and help determine the timing of seasonal road restrictions. One of the primary ways this department is able to do this is by manually testing the asphalt in both laboratory and on-site settings.

The department is able to recycle this asphalt using Maratek's SSB 6 unit. This unit successfully extracts the pure solvent from the oil and wastes present in the mixture. This saves the department money, as they pay much less for new asphalt and disposal costs because most of it is recycled and re-used. The Minnesota Department of Transportation has used Maratek's equipment since July 2012 and say it works very well. The system has also saved them large amounts of time, as they continue to fill the same drum until it is full. The department would recommend this unit to companies looking for a convenient way to recycle asphalt and solvents on-site.



“Our unit is working very well, we only recycle about 6 gallons twice a month; however, Maratek has helped us save money and lessen the time required to separate n-propyl bromide from the oils and waste in our mixture.”

- Ray Betts, Minnesota Department of Transportation