



SOLAR RECYCLING

OUR COMMITMENT

Since 1994 we have worked to expand our services in the sustainability space. We have developed unique techniques, a skilled workforce and advanced technology to grow from a small bulb recycler, to a nationwide corporate wastestream handler.





LOCATIONS

Cleanlites has strategic locations throughout the United States to effectively service most of North America. Many of our multinational clients rely on our logistics network and coverage to transport and handle their wastestreams.





R2 RESPONSIBLE RECYCLING CERTIFICATE • RIOS CERTIFICATION • PART B FACILITY CERTIFICATION • HAZ MAT CERTIFICATE • MOTOR CARRIER SAFETY • DEFENSE LOGISITICS APPROVED CONTRACTOR • MDEQ AIR QUALITY • MDEQ WASTE MANAGEMENT • MDEQ REGULATED WASTE • MDEQ STORMWATER PERMIT • EPA NOTIFICATIONS OF PCB ACTIVITY • EPA CERCLA APPROVAL • MDEQ EWASTE RECYCLER REGISTRATION • EPA TSCA PCB COMMERCIAL STORAGE APPROVAL • MN PCA ELECTRONICS RECYCLER REGISTRANT • DAKOTA COUNTY HAZARDOUS WASTE FACILITY LICENSE • MN PCA EWASTE RECYCLING PERMIT • OH EPA AIR POLLUTION PERMIT • OH EPA NOTIFICATION OF PCB ACTIVITY • EPA CERCLA APPROVAL • PART B HAZARDOUS WASTE FACILITY • OH EPA NPDES STORMWATER NO EXPOSURE CERTIFICATION • SC DHEC STORM WATER GENERAL PERMIT • SC DHEC AIR QUALITY OPERATING PERMIT • EPA NOTIFICATION OF PCB ACTIVITY • NOTIFICATION OF REGULATED WASTE • EPA CERCLA APPROVED • LEAD ACID BATTERY REGISTRATION • HAZARDOUS WASTE TRANSPORTER LICENSES (15 STATES) • SATISFACTORY MOTOR CARRIER SAFETY RATING

CERTIFICATIONS

We believe in transparency and rigorous safety measures in all of our operations. We have worked for years to accumulate important and comprehensive certifications.

\$10,000,000 LIABILITY INSURANCE

R2 RIOS CERTIFICATION

NAID CERTIFICATION



Cleanlites has partnered with industry leaders in the Solar industry to creative effective end of life solutions for solar panels. Through chemistry analysis and technical training, we are approaching a zero waste solution to solar recycling.

SOLAR SERVICES

SOLAR PROCESS

Cleanlites has partnered with industry leaders in the Solar industry to creative effective end of life solutions for solar panels. Through chemistry analysis and technical training, we are approaching a zero waste solution to solar recycling.

ANALYSYS

TRANSPORT

DISASSEMBLY

We analyze the materials and structure, determine the best demanufacturing and recycling process. Using our fleet or logistics network the material is transported to our facilities and safely recieved. Items are separated using machinery and labor into wellsorted parts including different glass types.



DOWNSTREAM

Panels either safely disposed or preferably sent downstream for reintegration into a product lifecycle.

SOLAR PROCESS

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GLASS

METAL

IN TACT SOLAR PANELS

GLASS

FRAME

SILICA

METALS

Silica loaded into reactor furnaces for "flux."

Silver & Copper removed and recovered.

Aluminum, iron, copper and steel sent downstream.

Aluminum, iron, copper and steel sent downstream.

SEIA MEMBERSHIP

Cleanlites is a member of the Solar Energy Industries Association. We maintain this relationship with key solar providers and industry professionaly to diversify end of life options. Amongst many other industry memberships, we value our committment to SEIA.



Selection® PREFERRED Solar Energy Industries Association® PREFERRED RECYCLING PARTNER PARTNER





QUESTIONS

