

Dept. of Eric
Eric Thelander
1510 Larkin In. Alb. NM 87105
departmentoferic@gmail.com
505.288.2279

Solar tree maintenance schedule

Regular cleaning:

Much like the rest of the municipal center, from time to time (once or twice a year) the tree trunk, branches and base can be washed down with a hose or a pressure washer from 2-3 ft away.

solar panel cleaning:

I do not anticipate that dust buildup will diminish the solar trees ability to generate power, however, over a long enough timeline (5 years) there is the potential for buildup of dirt on the solar panels sufficient to cause power generation issues. If this circumstance arises, simply hosing down the solar panels will remedy the situation.

Graffiti/vandalism:

Graffiti on any of the aluminum benches can simply be pressure washed off. graffiti on the silver painted trunk or branches of the tree would need to be sanded smooth and repainted.

Age/time degradation of coatings.

The lifespan of a coating depends on the amount of abuse it is subject to, fortunately I feel the municipal center patio is a mild enough environment that the coatings should last their maximum expected lifespan.

For the duration of the 2-year warranty period of this artwork, I will be inspecting the coatings and reapplying as necessary.

SilverBrite paint-

10-15 years before full recoat

concrete coating

The concrete coating should be checked and reapplied if necessary every 2 years. preferably just before winter. Additional coats simply go on top of old ones.

Solar/electronic components

Led lights: 5-year warranty, 50,000 hour expected life

Solar panels: 10-15 years

battery: 7-10 years

usb ports: 5-7 years

Summary:

-The solar array and lighting system have no preemptive maintenance obligations. Repairs should be made as necessary.

-Any damage or wear to the paint on the tree can be easily repaired by reapplication of paint.

-The decorative concrete base should NEVER be salted in the winter, and be re-sealed every 2 years to ensure longevity.