



FY 2011-12
GRANT #
TDP11-11-0092

City of Modesto

Department of Resources Recycling and Recovery
Tire-Derived Product Grant Program

Background

The City of Modesto (city) was awarded a tire-derived product grant for \$150,000 to develop a new park site (Mary E. Grogan Community Park) in northeast Modesto. The project consisted of constructing seven soccer fields, three of which used synthetic turf and a crumb rubber infill, covering 6.5 acres. The city was able to divert over 78,000 waste tires from California landfills.



Grant Project Goals

The City of Modesto applied for a Tire-Derived Product Grant to defer costs associated with the development of a new park in Northeast Modesto (Mary E. Grogan Community Park). Seven soccer fields were planned for Phase 1 of the project. Three of these fields would be constructed of synthetic turf using crumb rubber as infill and was expected to divert approximately 72,050 tires from the waste stream.

Outcome and Accomplishments

- The size of the project was 283,140 square feet.
- The project was started on February 11, 2013 and was completed March 8, 2013.
- The project utilized 941,068 lbs. of crumb rubber and diverted 78,468 waste tires from California landfills.



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Challenges

Even with staffing issues, the process was fairly simple and no challenges were encountered.

Lessons Learned and Recommendations

The synthetic turf is and will continue to be maintained by City staff and Sprinturf staff for the life of the turf. Staff will follow the manufacturer's recommendation for maintenance and will groom the fields regularly. Deep cleaning will commence quarterly as recommended and impact attenuation testing will occur bi-annually to ensure the fields continue to be safe to play on. The fields have a 10 year warranty for any defects in the product.

Snapshot

Grant Program: Tire-Derived Product

Grant Program Website:

<http://www.calrecycle.ca.gov/Tires/Grants/Product/default.htm>

Grant Number: TDP11-11-0092

Grant Type: Waste Tire

Year Awarded: 2011

Funding: Awarded \$150,000, spent \$150,000

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