

Rooney Road Sports Complex

**A Case study regarding the use of Tire
Derived Aggregate**

Presentation Outline

- Rooney Road Site Background
- Design Information and drivers to utilize scrap tires
- Installation and Construction Logistics and challenges encountered
- Tire Rebate Impacts
- Present Project Condition- Community Benefits

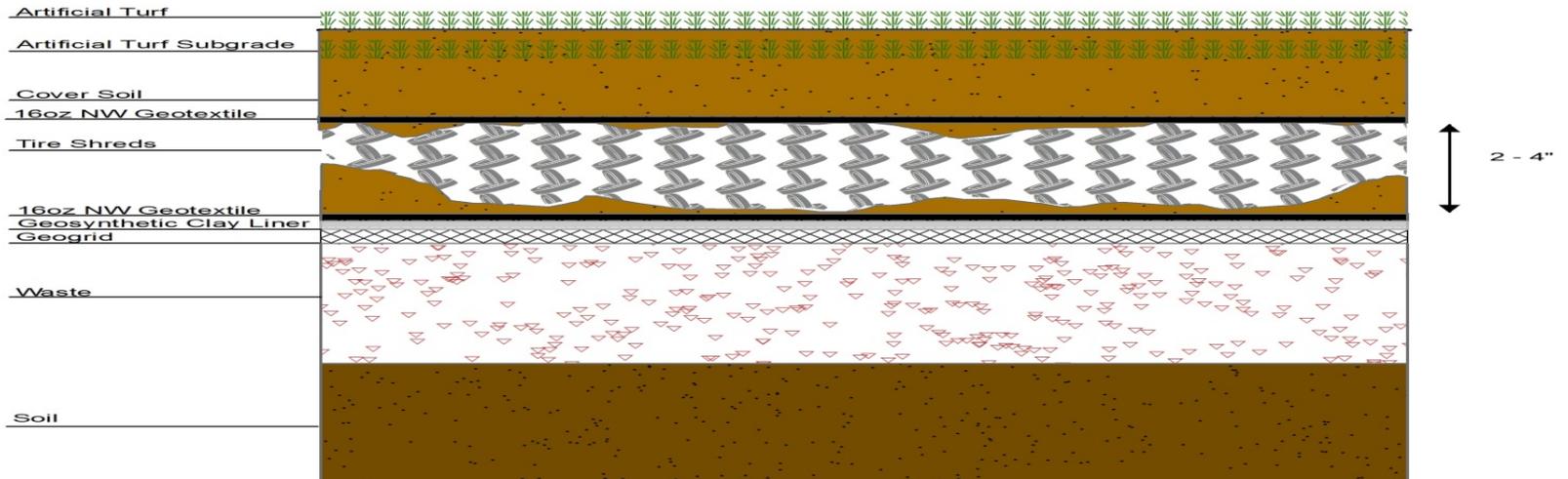
Site Background

- 80 Acre Rooney Rd. landfill Closed in '70s
- City Of Golden hired KRW Consulting to enhance Landfill Clay Cap with Soccer Fields
- Project team included ACC, Winslow, CLI/ Kaul Corp and Academy Sports Turf
- Construction began in 2003
- Design included Innovative use of Tire Shreds for Elevation Raise and Drainage

Site Background



Landfill Cover Design



ROONEY ROAD
FIGURE 1
EXAMPLE CROSS SECTION



Geogrid Installation



Gas Collection System -Drilling Operations



Gas Collection System- Pipe Installation



Gas Collection System- UST Installation



Gas Collection System- Flare Installation



Gas Collection System- Flare Installation



GCL Liner Deployment



16 oz Geotextile Deployment



Tire Shred Deployment



Tire Shred Deployment



Tire Shred Deployment



Tire Shred Deployment



Geotextile Deployment Over Tire Shreds



Present condition



Present Condition



Present Condition



Thank You !

