LANDFILLS TO SOCCER FIELDS

Elm Fork Athletic Complex, City of Dallas, Texas
**PROJECT LOCATION**

- Formerly Walnut Hill municipal landfill
- 160 acre master planned athletic complex
HISTORICAL AERIAL 1984
1999 – application to develop 9-hole golf course approved

Borings indicate mostly wood debris with glass, metal, household waste

2003- Elm Fork Floodplain Management Study approved
**Geotechnical Analysis**

- 40+ soil borings
- Methane management plan
- Clay cap and waste material delineation
- Set design criteria for BMPs, paving and structures
Master plan

- Approved 2007
- Design started 2008
- 4 miles of trails connected to Dallas County and Trinity Trail System
- 22 playing fields, future indoor or competition soccer facility, regional maintenance
- $1M grant from Texas Park and Wildlife
Stormwater Quality Measures

- Bioretention basins
- Vegetated swales
- Permeable paving
**FINAL PLAN**

- Competition field layout modified
- Bleacher and plateau seating
- Large open playground and park space
- 750 parking spaces
TRICIA HATLEY, PE

thh@freese.com